

 **BELARUS**
MINSK TRACTOR WORKS



2015

ENG

PRODUCTION ASSOCIATION “MINSK TRACTOR WORKS”

“MTW” consists of the following enterprises:

Enterprise “Minsk Tractor Works” was founded in 1946.

It produces:

- more than 100 tractor models and more than 200 modifications of their assembling for all climatic and operating conditions;
- 50-130 h. p. versatile row-crop tractors of 500, 600, 800, 900, 1000 and 1200 series;
- 150-355 h. p. general purpose tractors of 1500, 2000 and 3000 series;
- special purpose vehicles for municipal services and forestry, for operations in mines.

“Bobruisk Tractor Parts and Assemblies Plant”

Produces:

- 36-62 h.p. tractors;
- compact municipal vehicles;
- spare parts to tractors.

“Smorgon Assemblies Plant”

Produces:

- 9-13 h. p. mini-tractors;
- horticultural tractor;
- municipal vehicles;
- ploughs;
- welding machine;
- mobile power stations;
- mine machines.

“Mozyr Machine Works”

Produces:

- forest vehicles;
- municipal vehicles;
- mounted implements to tractor;
- track-type tractors.

“Minsk Gear Factory”

Produces:

- wide range of ploughs and tools for them;
- various pinion gears.

“Vitebsk Tractor Spare Parts Plant”

Produces:

- spare parts to “BELARUS” tractors.

“Minsk Special Tools and Industrial Equipment Plant”

Produces:

- wide range of special tools for various materials processing;
- punches;
- press molds.

“MTW” is the external economic relations

From the establishing of the association, the products supply to 125 countries all over the world. The Association has relations with external economic partners in more than 90 countries of the world. The most high volume importers of MTW products are: Russia, Ukraine, Germany, Poland, Kazakhstan, Uzbekistan, Pakistan, Egypt, Vietnam, Hungary, Serbia, Lithuania, Latvia, Romania, Slovakia, Bulgaria, Venezuela and etc.

“MTW” is a science

More than 1100 engineers work at the scientific and technical center. The scientific and technical center (STC) constant develops and introduces into production the advanced models of machinery, STC active co-operates with leading academies, universities and institutes of the Republic of Belarus and also Russia, Ukraine, Lithuania and other countries. The center consists of “Tractor” testing centre, accredited by Russian and Belorussian authorities for performance of certification tests.

“MTW” is a quality

MTW machinery was approved and complied with EPA standards, certified in Russia, Belarus and EU countries. ISO 9001, ISO 14001, OHSAS 18001 systems were applied and certified at the enterprise.

“MTW” is a complete production cycle

For performance of complete cycle of products manufacturing, MTW has independent productions:

- metallurgical
- forging
- cold-stamping
- mechanical processing
- heat-treating
- welding
- assembling
- protective covers

“MTW” is a effectiveness

The output amounts more than 60 000 US dollars per one working person.

“MTW” is a professional service

Service centers have special technical facility and diagnostic equipment to perform the high-quality repair and maintenance of machinery. Original spare parts are always available for all products.

WEIGHTY ARGUMENTS

- wide range of models and modifications for operations in any conditions
- excellent benefits due to high efficiency and minimum maintenance costs.
- more than 700 gram fuel economy from each hectare of cultivated land
- reliable and long life in use
- high technology system of tractor building-block approach provides the forming of machine-tractor aggregates in the best combination to the customer



IN FAVOUR OF «BELARUS» MACHINERY

- specialists of dealers and service centers constant provide information support, qualified assistance to the customer regarding purchasing, running and maintaining of machinery in your region
- mobile service, availability of high-quality original spare parts for ensuring the constant operating availability of your “BELARUS” machinery.



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MINI VEHICLES AND COMPACT TRACTORS



**«BELARUS» – MODERN,
RELIABLE MACHINERY
FOR PROFESSIONALS**

MOTOBLOCK BELARUS 09N



- Two-wheel tractor is designed for light soil tilling, harrowing, cultivating, inter-row cultivation of potato and beet, haying, load transportation, steady-state operations via PTO drive and municipal operations.

Manufacturer:
«Smorgon Assemblies Plant».

SPECIFICATIONS

Engine	GX270 (HONDA), gasoline
Power, kW (h. p.)	6.6 (9)
Number of gears:	
forward/reverse	4/2
Travel speed, km/h:	
forward/reverse	2.6—11.4/3.0—5.35
Overall dimensions, mm:	
length	1780
width	846
height	1070
Max weight of towed trailer, kg	650
Agrotechnical clearance, mm	270

ATTACHED IMPLEMENTS

KB-1.6 CULTIVATOR – HARROW



Trailer of two-wheel tractor



KRM-1 rotor-type mower



SN-1M snowplough



FR-00010 rotary cultivator



PU-00.000-01 general-purpose plough



OU-00.000-01 general-purpose hiller



BELARUS 132N MINI-TRACTOR

- Mini-tractor is designed for soil tilling, harrowing, cultivating, inter-row cultivation of potato and beet, haying, load transportation, steady-state operations via PTO drive and also for operations in fruit and vegetable garden, municipal operations.
- Electrical starting system from accumulator and manual.
- Four-wheel drive
- Mechanical, fixed-ratio gearbox

Manufacturer:
«Smorgon Assemblies Plant».



SPECIFICATIONS

Engine	GX390 (HONDA), gasoline
Power, kW (h. p.)	9.6 (13)
Number of gears:	
forward/reverse	4/3
Travel speed, km/h:	
forward/reverse	2.83—17.72/4.03—12.94
Agrotechnical clearance, mm	295
Adjustable track, mm	600, 700, 800
Base, mm	1030
Turning radius at 700 mm track, mm	2.5
Weight (operating with ballast), kg	532
Fuel rate, g/kW·h	313
Overall dimensions, mm: length/width/height	2500/1000/2000
Weight, kg	457

ATTACHED IMPLEMENTS

P05.02 TRAILER



KTD-1.3 cultivator



Mini-municipal machine



KTM-00.000 compact mower



BT-1.6 tractor harrow



FR-00700B rotary cultivator



OU-00.000 general-purpose hiller



PU-00.000 general-purpose plough



BELARUS 152 MINI-TRACTOR



- A compact wheeled tractor of 0,2 drawbar category with 4x4 wheel arrangement.
- It is designed for agricultural operations on small form lands, for primary and secondary tillage, grass sowing and mowing, cultivating operations in rows with mounted and trailed machines and implements, for various operations in municipal services and industry.
- Distinctions:
 - Complies with European standards
 - Solid frame provides easy controllability
 - Protective safety rail
 - Up-to-date design
 - Improved braking system
 - Updated gear shift mechanism
 - Extended wheel size increases cross-country ability.

Manufacturer: "Smorgon Assemblies Plant"

ENGINE

Model	GX390 HONDA
Type	gasoline
Cylinder displacement, cm ³	389
Rated power, kW	9.6
Rated speed, rpm	3600
Fuel rate, g/(kW·h), no more	313
Max torque, Nm	24
Power take-off power in 1000 min-1 mode, kW, no less	8.6

POWER TRAIN

Clutch	friction, multi-disk, spring-loaded, operating in oil reservoir
Gearbox	mechanical, fixed-ratio, constant-mesh
Number of gears:	
forward	4
reverse	3
Tractor speed (design) at rated crankshaft speed with standard tires, km/h	
a). forward running:	
1) minimum	2.96
2) maximum travelling	18.46
b). reverse running:	
1) minimum	4.20
2) maximum	13.47

DIMENSIONS AND WEIGHTS

Operating weight, kg	650
Clearance, mm, no less	
-agrotechnical	300
-road (with standard tires)	280
Tread, mm:	
-front wheels	755...1050
-rear wheels	770...1000
Minimum turning radius at minimum tread size, m	2.5
Tractor base, mm	1125
Max fordable depth, m	0.25
Overall dimensions, mm:	
-length (with hitch in transport position)	2450
-rear wheels width	990
-steering wheel height	1350
-rail height	1970
Tires (standard):	
-front wheels	210/75R13
-rear wheels	210/75R13

HYDRAULIC HITCH SYSTEM

Versatile, unit-principle, with 3-point linkage.

Lifting capacity, kg	200
Maximum pressure in hydraulic system	14

BELARUS 311/311M

- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed implements as in industry and for transport operations.
- Distinctions:
Small overall dimensions permit to use tractor in greenhouses and small-sized areas.
- Optional equipment:
Front hitch
Front PTO with tail
Front ballast weights
Front driving axle with automatic engagement at rear wheel slip.

Manufacturer:
"Bobruisk Tractor Parts and Assemblies Plant".



ENGINE

	311	311M
Type	diesel	
Model	KM385T (China)	3T30 (China)
Power, kW (hp)	18.4 (25)	24.3 (33)
Rated speed, rpm	2350	3000
Number of cylinders, pieces	3	
Cylinder bore/piston stroke, mm	85 x 95	
Displacement, l	1.532	1.617
Maximum torque, N·m	88.5	100
Factor of torque backup, %	15	
Fuel tank capacity, l	25	

POWER TRAIN

Clutch	dry, single-disk, friction, spring-loaded	
Gearbox	mechanical, fixed-ratio with constant-mesh gears, with easy-engagement clutches, 2-range with back-geared reducer	
Number of gears:		
forward	8	
reverse	4	
Travel speed, km/h:		
forward/reverse	3.1-25.2/5.5-13.3	
Rear PTO:		
dependent, rpm	540	
synchronous l, rpm of track	3.4	
Main gear	spiral-bevel gears	
Rear axle	gear, bevel with 2 pinions, with mechanical lock	
differential		
Final drives	single-reduction units with spur gears	

DIMENSIONS AND WEIGHTS

Overall length, mm	3050
Width, mm	1300
Height (to safety rail), mm	2200
Tractor base, mm	1660
Tread, mm	
front wheels	1000, 1200, 1350
rear wheels	1000, 1160
Agrotechnical clearance, mm	450
Min turning radius, m	3.6
Operating weight, kg	1450
Tire sizes (standard):	
front wheels	6.50-16
rear wheels	12.4L-16

HYDRAULIC HITCH SYSTEM

Versatile, unit-principle, implements coupling by means of pins to the lower and top link ends.

Lifting capacity	
at lift point, kg	870
Maximum pressure, MPa	20
Pump capacity, l/min	17
Hydraulic system capacity, l	10

BELARUS 321/321M



- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed implements as in industry and for transport operations.
- Distinctions:
 - Small overall dimensions permit to use tractor in greenhouses and small-sized areas.
 - Diesel engine complies with Stage IIIa /Tier 3 ecological requirements according to emissions of hazardous substances.
- Optional equipment:
 - Front hitch
 - Front PTO with tail
 - Front ballast weights
 - Hitching flexible pipes
 - Bracket with cutoff clutches
 - TSU-1M drawbar device.

Manufacturer:
«Bobruisk Tractor Parts and Assemblies Plant».

ENGINE

	321M	321
Type	four-stroke diesel	
Model	MMZ-3LD	“LOMBARDINI” LDW1603/B3
Power, kW (hp)	26 (35,5)	26.5 (36.0)
Rated speed, rpm	3000	
Number of cylinders, pcs	3	
Cylinder bore/piston stroke, mm	87 x 90	88 x 90.4
Displacement, l	1,600	1.649
Maximum torque, N·m	100	92
Factor of torque backup, %	20	12
Fuel tank capacity, l	25	

POWER TRAIN

Clutch	dry, single-disk, friction, spring-loaded	
Gearbox	mechanical, fixed-ratio with constant-mesh gears, with easy- engagement clutches, 2- range with back-geared reducer	
Number of gears:		
forward		16
reverse		8
Travel speed, km/h:		
forward/reverse	1.0-25.2/1.8-13.3	
Rear PTO:		
dependent I, rpm		540
dependent II, rpm		1000
synchronous I, rpm of track		3.4
synchronous II, rpm of track		6.3
Main gear	spiral-bevel gears	
Rear axle	gear, bevel with 2 pinions, differential with mechanical lock	
Final drives	single-reduction units with spur gears	

DIMENSIONS AND WEIGHTS

Overall length, mm	3050
Width, mm	1300
Height, mm	2280
Tractor base, mm	1690
Tread, mm:	
front wheels	1060; 1210
rear wheels	1000; 1160
Agrotechnical clearance, mm	435
Min turning radius, m	3.6
Operating weight, kg	1450
Tire sizes (standard):	
front wheels	7.5L-16
rear wheels	12.4L-16

HYDRAULIC HITCH SYSTEM

Versatile, unit-principle, implements coupling by means of pins to the lower and top link ends.

Lifting capacity	
at lift point, kg	870
Maximum pressure, MPa	20
Pump capacity, l/min	17
Hydraulic system capacity, l	10

BELARUS 310.4/310.4M 320.4*/320.4M*

- The tractor is designed for various agricultural operations with mounted, semi-mounted and trailed implements as in industry and for transport operations.
- Distinctions:
 - Small overall dimensions permit to use the tractor in greenhouses and small-sized areas.
 - Diesel engine complies with Stage IIIa ecological requirements according to emissions of hazardous substances.
- Optional equipment:
 - Front hitch.
 - Front PTO with shank.
 - Front ballast weights.
 - Hitching flexible pipes.
 - Bracket with cutoff clutches.

*Front driving axle

Manufacturer: Republican Unitary Enterprise

«Bobruisk Tractor Parts and Assemblies Plant».



ENGINE

	310.4M 320.4*	310.4M 320.4M*
Type	four-stroke diesel	
Model	MMZ-3LD	“LOMBARDINI” LDW1603/B3
Power, kW (hp)	26 (35,5)	26.5 (36.0)
Rated speed, rpm	3000	
Number of cylinders, pcs	3	
Cylinder bore/piston stroke, mm	87 x 90	88 x 90.4
Displacement, l	1,600	1.649
Maximum torque, N·m	100	92
Factor of torque backup, %	20	12
Fuel tank capacity, l	25	

POWER TRAIN

Clutch	dry, single-disk, friction, spring-loaded
Gearbox	mechanical, fixed-ratio with constant-mesh gears, with easy- engagement clutches, 2- range with back-geared reducer
Number of gears:	
forward	16
reverse	8
Travel speed, km/h:	
forward/reverse	1.0-25.2/1.8-13.3
Rear PTO:	
dependent I, rpm	540
dependent II, rpm	1000
synchronous I, rpm of track	3.4
synchronous II, rpm of track	6.3
Main gear	spiral-bevel gears
Rear axle	gear, bevel with 2 pinions, differential
Final drives	single-reduction units with spur gears

DIMENSIONS AND WEIGHTS

	310.3M 320.3M*	310.3 320.3*
Overall length, mm	3050	
Width, mm	1550	
Height, mm	2150	
Tractor base, mm	1660	1690
Tread, mm:		
font wheels	1000, 1200, 1350	1260, 1410
rear wheels	1250	1400
Agrotechnical clearance, mm	435	
Minimum turning radius, m	3.6	3.7
Operating weight, kg:		
without cab	1490	1580
with cab	1630	1720
Tire size (standard):		
front wheels	6.50-16	.5L-16
rear wheels	12.4L-16	

HYDRAULIC HITCH SYSTEM

Versatile, unit-principle, implements coupling by means of pins to the lower and top link ends.

Lifting capacity	
at lift point, kg	1100
Maximum pressure, MPa	20
Pump capacity, l/min	17
Hydraulic system capacity, l	10

BELARUS 310.5/310.5M 320.5*/320.5M*



- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed implements as in industry and for transport operations.
- Distinctions:
Small overall dimensions permit to use tractor in greenhouses and small-sized areas.
Diesel engine complies with Stage IIIa ecological requirements according to emissions of hazardous substances.
- Optional equipment:
TSU-1M drawbar device
Front hitch
Front PTO with tail
Front ballast weights
Hitching flexible pipes
Bracket with cutoff clutches.

*Front driving axle

Manufacturer: "Bobruisk Tractor Parts and Assemblies Plant"

ENGINE

	310.5M 320.5M*	310.5 320.5*
Type	four-stroke diesel	
Model	MMZ-3LD	"LOMBARDINI" LDW1603/B3
Power, kW (hp)	26 (35,5)	26.5 (36.0)
Rated speed, rpm	3000	
Number of cylinders, pcs	3	
Cylinder bore/piston stroke, mm	87 x 90	88 x 90.4
Displacement, l	1,600	1.649
Maximum torque, N·m	100	92
Factor of torque backup, %	20	12
Fuel tank capacity, l	25	

POWER TRAIN

Clutch	dry, single-disk, friction, spring-loaded	
Gearbox	mechanical, fixed-ratio with constant-mesh gears, with easy- engagement clutches, 2- range with back-geared reducer	
Number of gears:		
forward	16	
reverse	8	
Travel speed, km/h:		
forward/reverse	1.0-25.2/1.8-13.3	
Rear PTO:		
dependent I, rpm	540	
dependent II, rpm	1000	
synchronous I, rpm of track	3.4	
synchronous II, rpm of track	6.3	
Main gear	spiral-bevel gears	
Rear axle	gear, bevel with 2 pinions, differential	
Final drives	single-reduction units with spur gears	

DIMENSIONS AND WEIGHTS

	310.5 310.5M	320.5 320.5M*
Overall length, mm	3220	
Width, mm	1550	
Height, mm	2150	
Tractor base, mm	1660	1690
Tread, mm:		
font wheels	1000, 1200, 1350	1260, 1410
rear wheels	1250	1400
Agrotechnical clearance, mm	435	
Minimum turning radius, m	3.6	3.7
Operating weight, kg:		
without cab	1490	1580
with cab	1630	1720
Tire size (standard):		
front wheels	6.50-16	.5L-16
rear wheels	12.4L-16	

HYDRAULIC HITCH SYSTEM

Versatile, unit-principle, implements coupling by means of pins to the lower and top link ends.

Lifting capacity	
at lift point, kg	1100
Maximum pressure, MPa	20
Pump capacity, l/min	17
Hydraulic system capacity, l	10

BELARUS 422

- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed implements as in industry and for transport operations.
- Distinctions:
 - Small overall dimensions permit to use the tractor in greenhouses and small-sized areas.
 - Diesel engine complies with Stage IIIa ecological requirements according to emissions of hazardous substances.
- Optional equipment:
 - Front hitch.
 - Front PTO with shank.
 - Front ballast weights.
 - Hitching flexible pipes.
 - TSU-1M drawbar device.
 - Bracket with cutoff clutches.

Manufacturer:
«Bobruisk Tractor Parts and Assemblies Plant».



ENGINE

Type	four-stroke diesel with indirect injection
Model	"LOMBARDINI" LDW 2204
Power, kW (h. p.)	36.6 (49)
Rated speed, rpm	3000
Number of cylinders, pcs.	4
Displacement, l	2.068
Maximum torque, N·m	125
Fuel rate at rated power, g/kW·h	329
Factor of torque backup, %	15
Fuel tank capacity, l	90

POWER TRAIN

Clutch	dry, single-disk
Clutch control	mechanical
Gearbox	mechanical, with easy-engagement clutches
Number of gears:	
forward/reverse	16/8
Travel speed, km/h:	
forward/reverse	1.0—31.7/1.8—16.9
Rear PTO:	
independent I, rpm	540
independent II, rpm	1000
synchronous I, rpm of track	3.4
synchronous II, rpm of track	6.3
PTO control	mechanical
Differential lock	mechanical

DIMENSIONS AND WEIGHTS

Overall length, mm	3200
Width, mm	1570
Cab height, mm	2220
Tractor base, mm	1850
Tread, mm:	
front wheels	1260—1410
rear wheels	1250—1400
Agrotechnical clearance, mm	450
Min turning radius, m	3.8
Fordable depth, m	0.45
Operating weight, kg	2025
Tire sizes:	
front wheels	210/80R16
rear wheels	11.2-20

HYDRAULIC HITCH SYSTEM

Versatile, unit-principle

Lifting capacity	
at lift point, kg	1700
Maximum pressure, MPa	20
Pump capacity, l/min	40
Hydraulic system capacity, l	22

BELARUS 622



- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed implements as in industry and for transport operations.

- Distinctions:

Small overall dimensions permit to use the tractor in greenhouses and small-sized areas.

Diesel engine complies with Stage IIIa ecological requirements according to emissions of hazardous substances.

- Optional equipment:

Front hitch.

Front PTO with shank.

Front ballast weights.

Hitching flexible pipes.

Bracket with cutoff clutches.

TSU-1M drawbar device (floating drawbar, hydraulic hook).

Manufacturer:

«Bobruisk Tractor Parts and Assemblies Plant».

ENGINE

Type	four-stroke diesel with indirect injection and turbocharging
Model	"LOMBARDINI" LDW 2204T
Power, kW (h. p.)	46 (62.5)
Rated speed, rpm	3000
Number of cylinders, pcs.	4
Displacement, l	2.068
Maximum torque, N·m	174
Fuel rate at operating power, g/kW·h	329
Factor of torque backup, %	18
Fuel tank capacity, l	90

POWER TRAIN

Clutch	dry, single-disk
Clutch control	mechanical
Gearbox	mechanical, with easy-engagement clutches
Number of gears:	
forward/ reverse	16/8
Travel speed, km/h:	
forward/reverse	1.2—36.6/2.1—19.5
Rear PTO:	
independent I, rpm	540
independent II, rpm	1000
synchronous I, rpm of track	3.4
synchronous II, rpm of track	6.3
PTO control	mechanical
Differential lock	mechanical

DIMENSIONS AND WEIGHTS

Overall length, mm	3450
Width, mm	1700
Cab height, mm	2380
Tractor base, mm	1930
Tread, mm:	
front wheels	1390, 1530
rear wheels	1410, 1510, 1560, 1660, 1730, 1830
Agrotechnical clearance, mm	560
Min turning radius, m	3.9
Fordable depth, m	0.6
Operating weight, kg	2530
Tire sizes:	
front wheels	12.4L-16
rear wheels	360/70R24

HYDRAULIC HITCH SYSTEM

Versatile, unit-principle.

Lifting capacity at lift point, kg	2800
Maximum pressure, MPa	20
Pump capacity, l/min	40
Hydraulic system capacity, l	22

VERSATILE ROW-CROP TRACTORS

 **BELARUS**
MINSK TRACTOR WORKS



"BELARUS"
TRACTOR IS ALL
UNDER THE FORCE!

«MINSK TRACTOR WORKS»

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BELARUS 510/512*

520/522*



- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Optional equipment:
 - TSU-2 drawbar device (hydraulic hook).
 - Combined drawbar hitch (floating drawbar and hydraulic hook).
 - Rear wheel ballast weights.
 - Front ballast weights.
 - Fast-coupling cutoff clutches.
 - Hitching flexible pipes.

Manufacturer:
«Minsk Tractor Works».

*Front driving axle.

ENGINE

	510/512*	520/522*
Type	diesel with direct injection, without turbocharging	
Model	D-244	D-242
Power, kW (h. p.)	42 (57)	46 (62)
Crankshaft rated speed, rpm	1700	1800
Number of cylinders, pcs.	4	
Displacement, l	4.75	
Maximum torque, N·m	271	278
Fuel rate at rated power, g/kW·h	226	229
Factor of torque backup, %	15	
Fuel tanks capacity, l	130	

DIMENSIONS AND WEIGHTS

	510/512*	520/522*
Overall length, mm	3815/3930	3815/3930
Width, mm	1970	
Canopy height, mm	2550	
Tractor base, mm	2370/2450	2370/2450
Tread, mm:		
front wheels	1400–2000	
rear wheels	1400–2100	
Agrotechnical clearance, mm	590	
Min turning radius, m	3.8	4.1
Fordable depth, m	0.85	
Operating weight, kg	3430/3640	3430/3640
Tire sizes (standard):		
front wheels	9.0–20/11.2–20	9.0–20/11.2–20
rear wheels	15.5R38	

POWER TRAIN

Clutch	dry, single-disk	
Gearbox	mechanical, fixed-ratio	
Number of gears:		
forward/reverse	9/2 (optional – 18/4)	
Travel speed, km/h:		
forward	1.44–26.5	1.53–28.0
reverse	3.18–7.1	3.38–7.55
Rear PTO:		
independent, rpm	540	
synchronous, rpm of track	3.4	

Differential lock: with hydraulic control, has 3 operating modes (disengaged, automatic disengagement when guiding wheels turn more than 13 degree; forced engagement)

HYDRAULIC HITCH SYSTEM

Versatile, unit-principle with height control; optional - with force and position depth control.

Lifting capacity	
at lift point, kg	3200
Maximum pressure, MPa	20
Pump flow, l/min	45
Hydraulic system capacity, l	21

BELARUS 511/511.1/512.1*/512.2* 611**/612*(**)

- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Optional equipment:
 - TSU-2 drawbar device (hydraulic hook)
 - Combined towed device (floating drawbar and hydraulic hook)
 - Rear wheel ballast weights
 - Front ballast weights
 - Fast-coupling cutoff clutches
 - Hitching flexible pipes.

Manufacturer:
«Minsk Tractor Works».

*Front driving axle.
** With engine D242.



ENGINE

Type	diesel with direct injection, without turbocharging
Model	D-244/D242
Power, kW (h. p.)	42 (57)/45.6 (62)
Crankshaft rated speed, rpm	1700/1800
Number of cylinders, pcs.	4
Displacement, l	4.75
Maximum torque, N·m	271/278
Fuel rate at rated power, g/kW·h	229
Factor of torque backup, %	15
Fuel tanks capacity, l	130

POWER TRAIN

Clutch	dry, single-disk
Gearbox	mechanical, fixed-ratio
Number of gears:	
forward/reverse	9/2 (optional — 18/4)
Travel speed, km/h:	
forward	1.44—26.5
reverse	3.18—7.1
Rear PTO:	
independent, I rpm	540
independent, II rpm	1000
synchronous, rpm of track	3.4

Differential lock: with hydraulic control, has 3 operating modes (disengaged; forced engagement). Automatic disengagement when guiding wheels turn more than 13° - for tractors Belarus 511.1/512.1*.

DIMENSIONS AND WEIGHTS

	511/512.2* 511.1/512.1* 611**/612*(**)
Overall length, mm	3815/4120
Width, mm	1970
Height to steering wheel, mm	2160
Tread, mm:	
front wheels	1400—2000/1350—1850
rear wheels	1400—1600/1800—2100
Agrotechnical clearance, mm	590
Min turning radius, m	3.8/4.1
Fordable depth, m	0.85
Operating weight, kg	3530/3640
Tire sizes (standard):	
front wheels	9.0—20/11.2—20
rear wheels	15.5R38

HYDRAULIC HITCH SYSTEM

Versatile, unit-principle with height control; optional — with draft and position depth control.

Lifting capacity	
at lift point, kg	3200
Maximum pressure, MPa	20
Pump flow, l/min	45
Hydraulic system capacity, l	21

BELARUS 570/572*



- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Optional equipment:
 - TSU-2 drawbar device (hydraulic hook).
 - Combined towed device (floating drawbar and hydraulic hook).
 - Rear wheel ballast weights.
 - Front ballast weights.
 - Spacers for dual wheels.

Manufacturer:
«Minsk Tractor Works».

*Front driving axle.

ENGINE

	570	572*
Type	diesel with direct injection, without turbocharging	
Model	D-242	D-242C
Power, kW (h. p.)	45.6 (62)	47.5 (64.6)
Crankshaft rated speed, rpm	1800	
Number of cylinders, pcs.	4	
Displacement, l	4.75	
Maximum torque, N m	278	287
Fuel rate at rated power, g/kW h	229	238
Factor of torque backup, %	15	
Fuel tanks capacity, l	130	

DIMENSIONS AND WEIGHTS

	570	572*
Overall length, mm	4120	
Width, mm	1970	
Cab height, mm	2780	2800
Tractor base, mm	2370	2450
Tread, mm:		
front wheels	1350–1850	1400–2000
rear wheels	1400–1600	1800–2100
Agrotechnical clearance, mm	590	
Min turning radius, m	3.8	4.1
Fordable depth, m	0.85	
Operating weight, kg	3770	4000
Tire sizes (standard):		
front wheels	7.5–20	11.2–20
rear wheels	15.5R38	

POWER TRAIN

Clutch	dry, single-disk
Gearbox	mechanical
Number of gears:	
forward/reverse	18/4
Travel speed, km/h:	
forward	1.53–28.0
reverse	3.38–7.55
Rear PTO:	
independent I/independent II, rpm	540/1000
synchronous, rpm of track	3.4

HYDRAULIC HITCH SYSTEM

Versatile, unit-principle with height control; optional – with draft and position depth control.

Lifting capacity	
at lift point, kg	3200
Maximum pressure, MPa	20
Pump flow, l/min	45
Hydraulic system capacity, l	25

Rear axle differential lock: with hydro-mechanical control, has two modes (disengaged; forced engaged).

BELARUS 90/92*

- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Optional equipment:
 - TSU-2 drawbar device (hydraulic hook).
 - Combined drawbar hitch (floating drawbar and hydraulic hook).
 - Rear wheel ballast weights.
 - Front ballast weights.
 - Fast-coupling cutoff clutches.
 - Hitching flexible pipes.

Manufacturer:
«Minsk Tractor Works».

*Front driving axle.



ENGINE

Type	diesel with direct injection, without turbocharging
Model	D-243.1
Power, kW (h. p.)	66 (90)
Crankshaft rated speed, rpm	2200
Number of cylinders, pcs.	4
Bore/stroke, mm	110 x 125
Displacement, l	4.75
Maximum torque, N·m	305
Factor of torque backup, %	15
Fuel tanks capacity, l	130

DIMENSIONS AND WEIGHTS

	90	92*
Overall length, mm	4120	
Width, mm	1970	
Cab height, mm	2780	2800
Tractor base, mm	2370	2450
Tread, mm:		
front wheels	1350–1850	1430–1990
rear wheels	1400–1600	1800–2100
Agrotechnical clearance, mm	645	
Min turning radius, m	3.8	4.5
Operating weight, kg	3460	3690
Tire sizes (standard):		
front wheels	9.0–20	11.2–20
rear wheels		15.5R38

POWER TRAIN

Clutch	dry, single-disk
Gearbox	mechanical, fixed-ratio
Number of gears:	
forward/reverse	18/4
Travel speed, km/h:	
forward/reverse	1.94–34.3/4.09–9.22
Rear PTO:	
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	3.4
	(with 15.5R38)

HYDRAULIC HITCH SYSTEM

Versatile, unit-principle with height control; optional – with draft and position depth control.

Lifting capacity at lift point, kg	3200
Maximum pressure, MPa	20
Pump capacity, l/min	45
Hydraulic system capacity, l	21

Differential lock: with hydraulic control, has three operating modes (disengaged; engaged with automatic disengagement when guide wheels turn more than 13°; forced engaged).

BELARUS 811/812* 911**/912* (**)



- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Optional equipment:
 - Wet brakes.
 - Fiberglass lining.
 - TSU-2 drawbar device (hydraulic hook).
 - Combined drawbar hitch (floating drawbar and hydraulic hook).
 - Rear wheel ballast weights.
 - Front ballast weights.
 - Fast-coupling cutoff clutches.
 - Hitching flexible pipes.

Manufacturer:
«Minsk Tractor Works».

*Front driving axle.
***With engine D243.1.

ENGINE

Type	diesel with direct injection, without turbocharging
Model	D-243.1/D-243.1
Power, kW (h. p.)	59.6(80)/66(90)
Crankshaft rated speed, rpm	2200
Number of cylinders, pcs.	4
Bore/stroke, mm	110 x 125
Displacement, l	4.75
Maximum torque, N·m	298/305
Factor of torque backup, %	15
Fuel tanks capacity, l	130

DIMENSIONS AND WEIGHTS

	811/812* 911**/912* (**)
Overall length, mm	3815/4120
Width, mm	1970
Height to steering wheel, mm	2160
Tractor base, mm	2370/2450
Tread, mm:	
front wheels	1400–2000/1350–1850
rear wheels	1400–1600/1800–2100
Agrotechnical clearance, mm	645
Min turning radius, m	3.8/4.1
Operating weight, kg	3530/3640
Tire sizes (standard):	
front wheels	9.0–20/11.2–20
rear wheels	15.5R38

POWER TRAIN

Clutch	dry, single-disk
Gearbox	mechanical, fixed-ratio
Number of gears:	
forward/reverse	18/4
Travel speed, km/h:	
forward/reverse	1.9–34.3/4.09–9.22
Rear PTO:	
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	3.4

HYDRAULIC HITCH SYSTEM

Versatile, unit-principle with height control; optional – with draft and position depth control.

Lifting capacity	
at lift point, kg	3200
Maximum pressure, MPa	20
Pump capacity, l/min	45
Hydraulic system capacity, l	21

Rear axle differential lock: with hydro-mechanical control, has two modes (disengaged; forced engaged).

BELARUS 800/820*

- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Distinctions:
Front axis (800), portal type front driving axle with bevel reduction gears (820).
- Optional equipment:
Rear wheel ballast weights.
Front ballast weights.
Creeper.
Rear hitch draft control.
Combined drawbar hitch (hydraulic hook, drawbar, floating drawbar).
Spacers for rear wheels doubling.

Manufacturer:
«Minsk Tractor Works».

*Front driving axle.



ENGINE

Type	diesel with direct injection without
turbocharging	
Model	D-243
Power, kW (h. p.)	60 (81)
Crankshaft rated speed, rpm	2200
Number of cylinders, pcs.	4
Bore/stroke, mm	110 x 125
Displacement, l	4.75
Maximum torque, N·m	298
Factor of torque backup, %	15
Fuel tanks capacity, l	130

POWER TRAIN

Clutch	dry, single-disk,
Gearbox	mechanical, fixed-ratio
Number of gears:	
forward/reverse	18/4
Travel speed, km/h:	
forward/reverse	1.9—34.3/4.09—9.22
Rear PTO:	
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	3.4

Rear axle differential lock: with hydro-mechanical control, has two modes (disengaged; forced engaged).

DIMENSIONS AND WEIGHTS

	800	820*
Overall length, mm	4120	
Width, mm	1970	
Cab height, mm	2780	2800
Tractor base, mm	2370	2450
Tread, mm:		
front wheels	1350—1850	1430—1990
rear wheels		1400—2100
Agrotechnical clearance, mm		645
Min turning radius, m	3.8	4.5
Operating weight, kg	3770	4000
Tire sizes (standard):		
front wheels	9.0-20	11.2-20
rear wheels		15.5R38

HYDRAULIC HITCH SYSTEM

Versatile, unit-principle with height control; optional – with draft and position depth control.

Lifting capacity	
at lift point, kg	3200
Maximum pressure, MPa	20
Pump capacity, l/min	45
Hydraulic system capacity, l	25

БЕЛАРУС 892



- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Distinctions:
Front driving axle with bevel reducers.
- Optional equipment:
Creeper
Rear wheel ballast weights
Front ballast weights
Hydraulic system with combined depth control
Cab canopy
Spacers for dual wheels

Manufacturer:
«Minsk Tractor Works».

ENGINE

Type	diesel with direct injection, turbocharging
Model	D-245.5
Power, kW (h. p.)	65 (89)
Crankshaft rated speed, rpm	1800
Number of cylinders, pcs.	4
Bore/stroke, mm	110 x 125
Displacement, l	4.75
Maximum torque, N·m	396
Factor of torque backup, %	15
Fuel tanks capacity, l	130

DIMENSIONS AND WEIGHTS

Overall length, mm	4120
Width, mm	1970
Cab height, mm	2850
Tractor base, mm	2450
Tread, mm:	
front wheels	1450–1970
rear wheels	1500–2100
Agrotechnical clearance, mm	645
Min turning radius, m	4.1
Operating weight, kg	4150
Tire sizes (standard):	
front wheels	13.6–R20
rear wheels	16.9R38

POWER TRAIN

Clutch	dry, single-disk,
Gearbox	mechanical, fixed-ratio
Number of gears:	
forward/reverse	18/4
Travel speed, km/h:	
forward	2.1–38.2
reverse	4.42–10.26
Rear PTO:	
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	3.23

HYDRAULIC HITCH SYSTEM

Versatile, unit-principle, with draft, position and height depth control; optional – combined control.

Lifting capacity	
at lift point, kg	3200
with C-110 cylinder (optional), kg	3800
Maximum pressure, MPa	20
Pump capacity, l/min	45
Hydraulic system capacity, l	25

Rear axle differential lock: with hydro-mechanical control, has two modes (disengaged; forced engaged).

BELARUS 892.2

- The tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Distinctions:
Front driving axle with planetary spur reduction gears, mechanical, fixed ratio gearbox, diesel engine complies with Stage I ecological requirements according to emissions of hazardous substances.
- Optional equipment:
Creeper.
Rear wheel ballast weights.
Front ballast weights.
Cab canopy.
Spacers for rear wheels doubling.

Manufacturer:
«Minsk Tractor Works».



ENGINE

Type	diesel with turbocharging, direct injection
Model	D-245.5C
Power, kW (h. p.)	66 (90)
Crankshaft rated speed, rpm	1800
Number of cylinders, pcs.	4
Bore/stroke, mm	110 x 125
Displacement, l	4.75
Maximum torque, N·m	397
Factor of torque backup, %	15
Fuel tanks capacity, l	130

DIMENSIONS AND WEIGHTS

Overall length, mm	4130
Width, mm	1970
Cab height, mm	2850
Tractor base, mm	2450
Tread, mm:	
front wheels	1420–1970
rear wheels	1500–2100
Agrotechnical clearance, mm	510
Min turning radius, m	4.5
Operating weight, kg	4250
Tire sizes (standard):	
front wheels	360/70R24
rear wheels	18.4R34

POWER TRAIN

Clutch	dry, single-disk, spring-loaded
Gearbox	mechanical, fixed-ratio
Number of gears:	
forward/reverse	18/4
Travel speed, km/h:	
forward/reverse	2.26–41.1/4.76–11.04
Rear PTO:	
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	3.36

Rear axle differential lock: with hydro-mechanical control, has two modes (disengaged; forced engaged).

HYDRAULIC HITCH SYSTEM

Versatile, unit-principle, with draft, position and height depth control; optional – combined control.

Lifting capacity	
at lift point, kg	3200
with C-110 cylinder (optional), kg	3800
Maximum pressure, MPa	20
Pump capacity, l/min	45
Hydraulic system capacity, l	25

BELARUS 920/920.2



- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Distinctions:
Front driving axle with bevel reduction gears (920), front driving axle with planetary spur reduction gears (920.2). Synchronized gearbox.
- Optional equipment:
Ceramic-metal clutch pads.
Double-lever gearbox control.
Creeper.
Rear wheel ballast weights.
Front ballast weights.
Brakes operating in oil bath.
Cab canopy.
Spacers for rear wheels doubling.

Manufacturer:
«Minsk Tractor Works».

ENGINE

Type	diesel with direct injection, without turbocharging
Model	D-243
Power, kW (h. p.)	60 (81)
Crankshaft rated speed, rpm	2200
Number of cylinders, pcs.	4
Bore/stroke, mm	110 x 125
Displacement, l	4.75
Maximum torque, N·m	298
Factor of torque backup, %	15
Fuel tanks capacity, l	130

DIMENSIONS AND WEIGHTS

	920/920.2
Overall length, mm	3970
Width, mm	1970
Cab height, mm	2850
Tractor base, mm	2450
Tread, mm:	
front wheels	1450–1970/1420–1970
rear wheels	1500–2100
Agrotechnical clearance, mm	645/510
Min turning radius, m	4.1/4.5
Operating weight, kg	4100/4200
Tire sizes (standard):	
front wheels	13.6-20/360/70R24
rear wheels	16.9R38/18.4R34

POWER TRAIN

Clutch	dry, single-disk
Gearbox	synchronized
Number of gears:	
forward/reverse	14/4
Travel speed, km/h:	
forward/reverse	2.55–36.6/5.36–12.07
Rear PTO:	
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	3.23

Rear axle differential lock: friction-type, with hydromechanical control, has two modes (forced engaged; disengaged). Optional with hydraulic lift – with electrohydraulic control (three modes: disengaged; forced engaged; engaged/disengaged automatically).

HYDRAULIC HITCH SYSTEM

Versatile, unit-principle, with draft, position and height depth control; optional – combined control.

Lifting capacity	
at lift point, kg	3200
with C-110 cylinder (optional), kg	3800
Maximum pressure, MPa	20
Pump capacity, l/min	45
Hydraulic system capacity, l	25

БЕЛАРУС 920.3/920.4

- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Distinctions:
 - Diesel engine complies with Stage II/Tier 2 (920.3) ecological requirements according to emissions of hazardous substances.
 - Diesel engine complies with Stage IIIa/Tier 3 (920.4) ecological requirements according to emissions of hazardous substances.
 - Front driving axle with planetary spur reduction gears.
 - Updated interior.
 - Enhanced design plastic facing.
- Optional equipment:
 - Ceramic-metal clutch pads.
 - Air conditioner.
 - Rear wheel ballast weights.
 - Front ballast weights.
 - Brakes operating in oil bath.
 - Spacers for rear wheels doubling.
 - Double-lever gearbox control.

Manufacturer:
«Minsk Tractor Works».



ENGINE

	920.3	920.4
Type	diesel with direct injection, with turbocharging and intercooler	Diesel with "Common Rail" electronic injection system or mechanical "Mercer", with turbocharging and intercooler
Model	D-245.43S2	D-245.43S3A (MMP)
Power, kW (h. p.)	62 (84)	
Crankshaft rated speed, rpm	1800	
Number of cylinders, pcs.	4	
Bore/stroke, mm	110 x 125	
Displacement, l	4.75	
Maximum torque, N·m	398	411
Factor of torque backup, %	25	
Fuel tanks capacity, l	135	

DIMENSIONS AND WEIGHTS

	920.3	920.4
Overall length, mm	4060	4440
Width, mm		1970
Cab height, mm		2850
Tractor base, mm		2450
Tread, mm:		
front wheels	1500-2100	1500-1600
rear wheels		1800-2100
Agrotechnical clearance, mm		510
Min turning radius, m		4.5
Operating weight, kg		4300
Tire sizes (standard):		
front wheels		360/70R24
rear wheels		18.4R34 18.4/70R34

POWER TARIN

Clutch	dry, single-disk, spring-loaded	dry, single-disk
Gearbox	synchronized	
Number of gears:		
forward/reverse	14/4	
Travel speed, km/h:		
forward/reverse	2.78-39.9/5.85-13.18	
Rear PTO:		
independent I, rpm	540	
independent II, rpm	1000	
synchronous, rpm of track	3.36	

Rear axle differential lock: with electrohydraulic control, has three modes (disengaged; engaged with automatic disengagement when front wheels turn more than 13°; forced engaged).

HYDRAULIC HITCH SYSTEM

Unit-principle with hydraulic lift, with draft, position, combined and height control of implement.

Lifting capacity	
at lift point, kg	4000
Maximum pressure, MPa	20
Pump capacity, l/min	45
Hydraulic system capacity, l	28

БЕЛАРУС 920.5/920.6



NEW
DEVELOPMENT

- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Distinctions:
Engine of "Minsk Motor Plant" with "Common Rail" electronic injection system from "Bosch" and emission-gas control system from LLC "ROSSKAT". It complies with Stage IV/Final Tier 4 ecological requirements.
- Optional equipment:
Air conditioner.
Double-lever gearbox control.
Brakes operating in oil bath.
Ceramic-metal clutch pads.
Creeper.
Double-wire pneumatic drive.
Rear wheel ballast weights.
Set for wheels doubling.
Additional seat.

Manufacturer: "Minsk Tractor Works".

ENGINE

Type	diesel with "Common Rail" electronic injection system with turbocharging, intercooler and selective catalytic reduction system (SCR)	diesel with "Common Rail" electronic injection system with turbocharging, intercooler and selective catalytic reduction system (DOC+SCR)
Model	D-245.43S3A	D-245.43S4
Power, kW (h. p.)		62 (84)
Rated speed, rpm		2200
Number of cylinders, pcs.		4
Displacement, l		4.75
Maximum torque, N·m		411
Fuel rate at operating power, g/kW·h		220
Factor of torque backup, %		25
Fuel tanks capacity, l		135

DIMENSIONS AND WEIGHTS

	920.5	920.6
Overall length, mm	406	4440
Width, mm		1970
Height (to the cab), mm		2850
Tractor base, mm		2450
Tread, mm:		
front wheels		1420–1970
rear wheels		1500–1600, 1800–2100
Agrotechnical clearance, mm		510
Min turning radius (with partial braking), m		4.5
Fordable depth, m		0.85
Operating weight, kg		4650
Tire sizes (standard):		
front wheels		360/70R24
	18.4R34	18.4/70R34

POWER TRAIN

Clutch	dry, single-disk
Clutch control	mechanical
Gearbox	synchronized
Number of gears:	
forward/reverse	14/4
Travel speed, km/h:	
forward/reverse	2.78–39.9/5.85–13.18
Rear PTO:	
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	3.36

Rear axle differential lock: with electrohydraulic control, three operating modes (disengaged; lock engaged with automatic disengagement when front wheels turn more than 13 degree; forced engaged).

HYDRAULIC HITCH SYSTEM

Unit-principle with hydraulic lift, providing draft, position, combined and height control of implements.

Lifting capacity	
at lift point, kg	4000
Maximum pressure, MPa	20
Pump capacity, l/min	45
Hydraulic system capacity, l	28

BELARUS 922.3/922.4

- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Distinctions:
 - Diesel engine complies with Stage II/ Tier 2 ecological requirements according to emissions of hazardous substances (922.3).
 - Diesel engine complies with Stage IIIa/ Tier 3 ecological requirements according to emissions of hazardous substances (922.4).
 - Low-profile cab permitting to use tractor at livestock breeding complexes and poultry plants.
- Optional equipment:
 - Air conditioner
 - Brakes operating in oil bath
 - Rear wheel ballast weights
 - Compressor with valve (without pneumatic system)
 - Set of rear wheels (922.4).

Manufacturer:
«Minsk Tractor Works».



ENGINE

	922.3	922.4
Type	diesel with direct injection, with turbocharging and intercooler	Diesel with "Common Rail" electronic injection system or mechanical "Mercer", with turbocharging and intercooler
Model	D245.5S2	D-245.5S3A (MMP)
Power, kW (h. p.)	70 (95)	
Crankshaft rated speed, rpm	1800	
Number of cylinders, pcs.	4	
Bore/stroke, mm	110 x 125	
Displacement, l	4.75	
Maximum torque, N·m	451	464
Fuel rate at operating power, g/kW·h	229	220
Factor of torque backup, %	25	
Fuel tanks capacity, l	120	

POWER TARIN

Clutch	dry, single-disk
Clutch control	hydrostatic
Gearbox	synchronized, fixed-ratio
Number of gears:	
forward/reverse	14/4
Travel speed, km/h:	
forward/reverse	2.58-37.1/5.44-12.2
Rear PTO:	
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	3.31
PTO control	electrohydraulic

Rear axle differential lock: with electrohydraulic control, has three modes (disengaged; engaged with automatic disengagement when front wheels turn more than 13°; forced engaged).

DIMENSIONS AND WEIGHTS

	922.3	922.4
Overall length, mm	4440	
Width, mm	1970	
Cab height, mm	2560	
Tractor base, mm	2440	
Tread, mm:		
front wheels	1420-1970	
rear wheels	1400-1600; 1800-2100	
Agrotechnical clearance, mm	520	
Min turning radius, m	5.1	
Fordable depth, m	0.85	
Operating weight, kg	4300	4600
Tire sizes (standard):		
front wheels	360/70R24	
rear wheels	15.5R38	

HYDRAULIC HITCH SYSTEM

Versatile, unit-principle, with draft position, combined and height depth control of implements.

Lifting capacity	
at lift point, kg	4000
Maximum pressure, MPa	20
Pump capacity, l/min	45
Hydraulic system capacity, l	28

BELARUS 922.5



- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Distinctions:
 - It complies with Stage IIIb/ Interim Tier 4 ecological requirements according to emissions of hazardous substances.
 - Ceramic-metal clutch facing.
 - Low-profile cab permitting to use tractor at livestock breeding complexes and poultry plants.
- Optional equipment:
 - Air conditioner
 - Brakes operating in oil bath
 - Rear wheel ballast weights
 - Compressor with valve (without pneumatic system)
 - Spacers for rear wheels doubling
 - Set of rear wheels.

Manufacturer:
«Minsk Tractor Works».

ENGINE

Type	diesel with "Common Rail" electronic injection system with turbocharging, intercooler and selective catalytic reduction system (SCR)
Model	D-245.5S3B (Minsk Motor Plant)
Power, kW (h. p.)	70 (95)
Crankshaft rated speed, rpm	1800
Number of cylinders, pcs.	4
Displacement, l	4.75
Maximum torque, N·m	464
Fuel rate at operating	
power, g/kW·h	223
Factor of torque backup, %	25
Fuel tanks capacity, l	123

POWER TRAIN

Clutch	dry, single-disk
Clutch control	hydrostatic
Gearbox	synchronized, fixed-ratio
Number of gears:	
forward/reverse	14/4
Travel speed, km/h:	
forward/reverse	2.58–37.1/5.44–12.2
Rear PTO:	
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	3.31
PTO control	electrohydraulic

Rear axle differential lock: with electrohydraulic control, three operating modes (disengaged; lock engaged with automatic disengagement when front wheels turn more than 13 degree; forced engaged).

DIMENSIONS AND WEIGHTS

Overall length, mm	4440
Width, mm	1970
Cab height, mm	2560
Tractor base, mm	2440
Tread, mm:	
front wheels	1420–1970
rear wheels	1400–1600; 1800–2100
Agrotechnical clearance, mm	520
Min turning radius, m	
without partial braking, m	5.1
Fordable depth, m	0.85
Operating weight, kg	4700
Tire sizes (standard):	
front wheels	360/70R24
rear wheels	18.4R34

HYDRAULIC HITCH SYSTEM

Unit-principle, with hydraulic lift, providing draft, position and height control of implement.

Lifting capacity	
at lift point, kg	4000
Maximum pressure, MPa	20
Pump capacity, l/min	45
Hydraulic system capacity, l	28

BELARUS 922.6

- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Distinctions:
 - Engine of "Minsk Motor Plant" with "Common Rail" electronic injection system from "Bosch" and emission-gas control system from LLC "ROSSKAT". It complies with Stage IV/Final Tier 4 ecological requirements.
 - Low-profile cab permitting to use tractor at livestock breeding complexes and poultry plants.
- Optional equipment:
 - Air conditioner.
 - Brakes operating in oil bath.
 - Compressor with valve (without pneumatic system).
 - Rear wheel ballast weights.
 - Set for rear wheels doubling.

Manufacturer:
«Minsk Tractor Works».



ENGINE

Type	diesel with "Common Rail" electronic injection system with turbocharging, intercooler and selective catalytic reduction system (SCR)
Model	D-245.5S4 (Minsk Motor Plant)
Power, kW (h. p.)	70 (95)
Crankshaft rated speed, rpm	2200
Number of cylinders, pcs.	4
Displacement, l	4.75
Maximum torque, N·m	464
Fuel rate at operating	
power, g/kW·h	223
Factor of torque backup, %	25
Fuel tanks capacity, l	120

POWER TRAIN

Clutch	dry, single-disk
Clutch control	hydrostatic
Gearbox	synchronized, fixed-ratio
Number of gears:	
forward/reverse	14/4
Travel speed, km/h:	
forward/reverse	2.58-37.1/5.44-12.2
Rear PTO:	
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	3.31
PTO control	electrohydraulic

Rear axle differential lock: with electrohydraulic control, three operating modes (disengaged; lock engaged with automatic disengagement when front wheels turn more than 13 degree; forced engaged).

DIMENSIONS AND WEIGHTS

Overall length, mm	4440
Width, mm	1970
Cab height, mm	2560
Tractor base, mm	2440
Tread, mm:	
front wheels	1420-1970
rear wheels	1400-1600; 1800-2100
Agrotechnical clearance, mm	520
Min turning radius, (with partial braking), m	4.5
Fordable depth, m	0.85
Operating weight, kg	4700
Tire sizes (standard):	
front wheels	360/70R24
rear wheels	18.4R34

HYDRAULIC HITCH SYSTEM

Unit-principle, with hydraulic lift providing draft, position, combined and height control of implements.

Lifting capacity	
at lift point, kg	4000
Maximum pressure, MPa	20
Pump capacity, l/min	45
Hydraulic system capacity, l	28

BELARUS 923.3/923.4



- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Distinctions:
 - Diesel engine complies with Stage II/ Tier 2 ecological requirements according to emissions of hazardous substances (923.3).
 - Diesel engine complies with Stage IIIa/ Tier 3 ecological requirements according to emissions of hazardous substances (923.4).
 - New full profile cab.
- Optional equipment:
 - Air conditioner.
 - Brakes operating in oil bath.
 - Rear wheel ballast weights.
 - Compressor with valve (without pneumatic system).
 - Spacers for rear wheels doubling (923.3).
 - Hydromechanical power train (20/6) (923.4).
 - Combined pneumatic drive (923.4).

Manufacturer:
«Minsk Tractor Works».

ENGINE

	923.3	923.4
Type	diesel with direct injection, with turbocharging and intercooler	Diesel with "Common Rail" electronic injection system or mechanical "Mercer", with turbocharging and intercooler
Model	D-245.5S2	D-245.5S3A (MMP)
Power, kW (h. p.)		70 (95)
Crankshaft rated speed, rpm		1800
Number of cylinders, pcs.		4
Displacement, l		4.75
Maximum torque, N·m	451	464
Factor of torque backup, %		25
Fuel tanks capacity, l		120

POWER TARIN

Clutch	dry, single-disk
Clutch control	hydrostatic
Gearbox	synchronized, fixed-ratio
Number of gears:	
forward/reverse	14/4
Travel speed, km/h:	
forward/reverse	2.65–38.1/5.6–12.6
Rear PTO:	
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	3.31
PTO control	electrohydraulic

Rear axle differential lock: with electrohydraulic control, has three modes (disengaged; engaged with automatic disengagement when front wheels turn more than 13°; forced engaged).

DIMENSIONS AND WEIGHTS

	923.3	923.4
Overall length, mm		4440
Width, mm		1970
Cab height, mm		2850
Tractor base, mm		2440
Tread, mm:		
front wheels		1420–1970
rear wheels		1500–1600; 1800–2100
Agrotechnical clearance, mm		520
Min turning radius without partial braking, m		4.5
Operating weight, kg	4500	4700
Tire sizes (standard):		
front wheels		360/70R24
rear wheels		18.4R34

HYDRAULIC HITCH SYSTEM

Unit-principle with hydraulic lift with draft, position, combined and height control of implements.

Lifting capacity	
at lift point, kg	4000
Maximum pressure, MPa	20
Pump capacity, l/min	45
Hydraulic system capacity, l	35

BELARUS 923.5

- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Distinctions:
 - Diesel engine complies with Stage IIIb/ Interim Tier 4 ecological requirements according to emissions of hazardous substances.
 - Ceramic-metal clutch pads.
 - New full profile cab.
- Optional equipment:
 - Air conditioner
 - Brakes operating in oil bath
 - Rear wheel ballast weights
 - Compressor with valve (without pneumatic system)
 - Set for rear wheels doubling.

Manufacturer:
«Minsk Tractor Works».



ENGINE

Type	diesel with "Common Rail" electronic injection system with turbocharging, intercooler and selective catalytic reduction system (SCR)
Model	D-245.5S3B (Minsk Motor Plant)
Power, kW (h. p.)	70 (95)
Crankshaft rated speed, rpm	1800
Number of cylinders, pcs.	4
Displacement, l	4.75
Maximum torque, N·m	464
Factor of torque backup, %	25
Fuel tanks capacity, l	120

POWER TRAIN

Clutch	dry, single-disk
Clutch control	hydrostatic
Gearbox	synchronized, fixed-ratio
Number of gears:	
forward/reverse	14/4
Travel speed, km/h:	
forward/reverse	2.65–38.1/5.6–12.6
Rear PTO:	
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	3.31
PTO control	electrohydraulic

Rear axle differential lock: with electrohydraulic control, three operating modes (disengaged; lock engaged with automatic disengagement when front wheels turn more than 13 degree; forced engaged).

DIMENSIONS AND WEIGHTS

Overall length, mm	4440
Width, mm	1970
Cab height, mm	2850
Tractor base, mm	2440
Tread, mm:	
front wheels	1420–1970
rear wheels	1500–1600; 1800–2100
Road clearance, mm	520
Min turning radius with partial braking, m	4.5
Operating weight, kg	4800
Tire sizes (standard):	
front wheels	360/70R24
rear wheels	18.4R34

HYDRAULIC HITCH SYSTEM

Unit-principle, with hydraulic lift, providing draft, position, combined and height control of implements.

Lifting capacity	
at lift point, kg	4000
Maximum pressure, MPa	20
Pump capacity, l/min	45
Hydraulic system capacity, l	35

БЕЛАРУС 923.6



- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Distinctions:
 - Engine of "Minsk Motor Plant" with "Common Rail" electronic injection system from "Bosch" and emission-gas control system from LLC "ROSSKAT". It complies with Stage IV/Final Tier 4 ecological requirements.
 - Low-profile cab permitting to use tractor at livestock breeding complexes and poultry plants.
- Optional equipment:
 - Air conditioner.
 - Brakes operating in oil bath.
 - Compressor with valve (without pneumatic system).
 - Rear wheel ballast weights.
 - Set for rear wheels doubling.

Manufacturer: "Minsk Tractor Works"

ENGINE

Type	diesel with turbocharging, "Common Rail" fuel feed electronic control system and selective catalytic reduction system (DOC+SCR)
Model	D-245.5S4
Power, kW (hp)	70 (95)
Crankshaft rated speed, rpm	2200
Number of cylinders, pieces	4
Displacement, l	4.75
Maximum torque, N·m	464
Fuel rate at operating power, g/kW·h	223
Factor of torque backup, %	25
Fuel tanks capacity, l	120

POWER TRAIN

Clutch	dry, single-disk
Clutch control	hydrostatic
Gearbox	synchronized, fixed-ratio
Number of gears:	
forward/reverse	14/4
Travel speed, km/h:	
forward/reverse	2.65-38.1/5.6-12.6
Rear PTO	
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	3.31
PTO control	electrohydraulic

Rear axle differential lock: with electrohydraulic control, three operating modes (disengaged; lock engaged with automatic disengagement when front wheels turn more than 13 degree; forced engaged).

DIMENSIONS AND WEIGHTS

Overall length, mm	4440
Width, mm	1970
Cab height, mm	2850
Tractor base, mm	2440
Tread, mm	
front wheels	1420-1970
rear wheels	1500-1600; 1800-2100
Road clearance, mm	
520Min turning radius	
(with partial braking), m	4.5
Fordable depth, m	0.85
Operating weight, kg	4800
Tire sizes (standard):	
front wheels	360/70R24
rear wheels	18.4R34

HYDRAULIC HITCH SYSTEM

Unit-principle, with hydraulic lift providing draft, position, combined and height control of implements.

Lifting capacity at	
lift point, kg	4000
Maximum pressure, MPa	20
Pump capacity, l/min	45
Hydraulic system capacity, l	35

BELARUS 952/952.2*

- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Distinctions:
 - Synchronized gearbox
 - Front driving axle with bevel reduction gears (952)
 - Front driving axle with planetary spur reduction gears (952.2*)
 - Diesel engine complies with Stage I/Tier 1 ecological requirements according to emissions of hazardous substances (952.2*).
- Optional equipment:
 - Ceramic-metal clutch pads.
 - Creeper.
 - Rear wheel ballast weights.
 - Combined drawbar hitch (floating drawbar and hydraulic hook)/
 - Brakes operating in oil bath/
 - Double-lever gearbox control.



Manufacturer: «Minsk Tractor Works».

ENGINE

Type	diesel with direct injection, turbocharging
Model	D-245.5
Power, kW (h. p.)	65 (89)
Crankshaft rated speed, rpm	1800
Number of cylinders, pcs.	4
Bore/stroke, mm	110 x 125
Displacement, l	4.75
Maximum torque, N·m	396
Factor of torque backup, %	15
Fuel tanks capacity, l	130

POWER TRAIN

Clutch	dry, single-disk
Gearbox	mechanical, synchronized
Number of gears:	
forward/reverse	14/4
Travel speed, km/h:	
forward/reverse	2.08–29.9/4.39–9.88
Rear PTO:	
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	3.23/3.36

Rear axle differential lock: friction-type, with hydromechanical control, has two modes (disengaged; forced engaged). With hydraulic lift – with electrohydraulic control (three modes: disengaged; forced engaged; automatically engaged/disengaged).

DIMENSIONS AND WEIGHTS

952/952.2*

Overall length, mm	3970	3970/4000
Width, mm	1970	
Cab height, mm	2850	
Wheelbase, mm	2450	
Tread, mm:		
front wheels	1450–1970	1420–1970
rear wheels	1500–2100	
Agrotechnical clearance, mm	645	510
Min turning radius, m	4.1	4.5
Operating weight, kg	4100	4200
Tire sizes (standard):		
front wheels	13.6-20 or 360/70R20	
rear wheels	18.4R34	16.9R38/18.4R34

HYDRAULIC HITCH SYSTEM

Versatile, unit-principle, with draft, position and height depth control.

Lifting capacity at	
lift point, kg	3200
with C-110 cylinder (optional), kg	3800
Maximum pressure, MPa	20
Pump capacity, l/min	45
Hydraulic system capacity, l	25

BELARUS 952.3



- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Distinctions:
 - Synchronized gearbox
 - Front driving axle with planetary spur reduction gears
 - Diesel engine complies with Stage II/ Tier 2 ecological requirements according to emissions of hazardous substances.
- Optional equipment:
 - Brakes operating in oil bath.
 - Double-lever gearbox control.
 - Air conditioner.
 - Ceramic-metal clutch pads.
 - Creeper.
 - Rear wheel ballast weights.
 - Spacers for rear wheels doubling.

Manufacturer: «Minsk Tractor Works».

ENGINE

Type	diesel with direct injection,
t	urbocharging and intercooler
Model	D-245.5S2
Power, kW (h. p.)	70 (95)
Crankshaft rated speed, rpm	1800
Number of cylinders, pcs.	4
Bore/stroke, mm	110 x 125
Displacement, l	4.75
Maximum torque, N·m	451
Factor of torque backup, %	25
Fuel tanks capacity, l	130

POWER TRAIN

Clutch	dry, single-disk
Gearbox	mechanical, fixed-ratio, synchronized
Number of gears:	
forward/reverse	14/4
Travel speed, km/h:	
forward/reverse	2.78–39.9/5.85–13.18
Rear PTO:	
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	3.36

Rear axle differential lock: friction-type, with hydromechanical control, two operating modes (disengaged; forced engaged). With hydraulic lift – with electrohydraulic control (three modes: disengaged; forced engaged; automatically engaged/disengaged).

DIMENSIONS AND WEIGHTS

Overall length, mm	4440
Width, mm	1970
Cab height, mm	2850
Wheelbase, mm	2450
Tread, mm:	
front wheels	1420–1970
rear wheels	1500–2100
Agrotechnical clearance, mm	510
Min turning radius, m	4.5
Operating weight, kg	4300
Tire sizes (standard):	
front wheels	360/70R24
rear wheels	18.4R34

HYDRAULIC HITCH SYSTEM

Versatile, unit-principle, with draft, position and height depth control.

Lifting capacity	
at lift point, kg	3200
with C-110 cylinder (optional), kg	3800
Maximum pressure, MPa	20
Pump capacity, l/min	45
Hydraulic system capacity, l	25

BELARUS 952.4

- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Distinctions:
 - At consumer's option the engine of Minsk Motor Plant is installed with "Common Rail" fuel feed electronic control system from "Bosch" or with "Mercer" fuel feed mechanical control system and "Motorpal" electronic fuel-control unit.
 - Synchronized gearbox.
 - Front driving axle with planetary spur reduction gears.
 - Diesel engine complies with Stage IIIa/Tier 3 ecological requirements according to emissions of hazardous substances.
- Optional equipment:
 - Air conditioner.
 - Brakes with disks operating in oil bath.
 - Double-lever gearbox control.
 - Ceramic-metal clutch pads.
 - Creeper.
 - Rear wheel ballast weights.



Manufacturer: «Minsk Tractor Works».

ENGINE

Type	diesel with "Common Rail" electronic injection system or mechanical "Mercer", with turbocharging and intercooler
Model	D-245.5S3A (MMP) (Minsk Motor Plant)
Power, kW (h. p.)	70 (95)
Rated speed, rpm	1800
Number of cylinders, pcs.	4
Displacement, l	4.75
Maximum torque, N·m	464
Fuel rate at operating power, g/kW·h	220
Factor of torque backup, %	25
Fuel tanks capacity, l	135

POWER TRAIN

Clutch	dry, single-disk
Gearbox	mechanical, synchronized
Number of gears:	
forward/reverse	14/4
Travel speed, km/h:	
forward/reverse	2.78–39.9/5.85–13.18
Rear PTO:	
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	3.36

Rear axle differential lock: with electrohydraulic control, three operating modes (disengaged; lock engaged with automatic disengagement when front wheels turn more than 13°; forced engaged).

DIMENSIONS AND WEIGHTS

Overall length, mm	4440
Width (to rear wheels half-axle ends), mm	1970
Cab height, mm	2850
Tractor base, mm	2450
Tread, mm:	
front wheels	1420–1970
rear wheels	1500–1600, 1800–2100
Agrotechnical clearance, mm	510
Min turning radius, m	4.5
Fordable depth, m	0.85
Operating weight, kg	4300
Tire sizes (standard):	
front wheels	360/70R24
rear wheels	18.4R34

HYDRAULIC HITCH SYSTEM

Unit-principle with hydraulic lift providing draft, position, combined and height depth control of implements.

Lifting capacity	
at lift point, kg	4000
Maximum pressure, MPa	20
Pump capacity, l/min	45
Hydraulic system capacity, l	28

BELARUS 952.5



- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Distinctions:
 - Diesel engine complies with Stage IIIb/ Interim Tier 4 ecological requirements according to emissions of hazardous substances.
 - Synchronized gearbox.
 - Front driving axle with planetary spur reduction gears.
- Optional equipment:
 - Air conditioner.
 - Brakes operating in oil bath.
 - Ceramic-metal clutch pads.
 - Creeper.
 - Rear wheel ballast weights.
 - Compressor with valve (without pneumatic system).
 - Double-wire pneumatic drive.
 - Double-lever gearbox control.
 - Set for rear wheels doubling.

Manufacturer: "Minsk Tractor Works"

ENGINE

Type	diesel with "Common Rail" electronic injection system, with turbocharging, intercooler and selective catalytic reduction system (SCR)
Model	D-245.5S3B (Minsk Motor Plant)
Power, kW (hp)	70 (95.2)
Rated speed, rpm	1800
Number of cylinders, pcs	4
Displacement, l	4.75
Maximum torque, N·m	464
Fuel rate at operating power, g/kW·h	223
Factor of torque backup, %	25
Fuel tanks capacity, l	135

DIMENSIONS AND WEIGHTS

Overall length, mm	4440
Width, mm	1970
Cab height, mm	2850
Tractor base, mm	2450
Tread, mm	
front wheels	1420-1970
rear wheels	1500-1600, 1800-2100
Agrotechnical clearance, mm	510
Min turning radius, m	4.5
Fordable depth, m	0.85
Operating weight, kg	4650
Tire sizes (standard):	
front wheels	360/70R24
rear wheels	18.4R34

POWER TRAIN

Clutch	dry, single-disk
Clutch control	mechanical
Gearbox	mechanical, synchronized
Number of gears:	
forward/ reverse	14/4
Travel speed, km/h:	
forward/ reverse	2.78-39.9/5.85-13.18
Rear PTO:	
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	3.36
PTO control	electrohydraulic

Rear axle differential lock: with electrohydraulic control, three operating modes (disengaged; lock engaged with automatic disengagement when front wheels turn more than 13°; forced engaged).

HYDRAULIC HITCH SYSTEM

Unit-principle with hydraulic lift providing draft, position, combined and height depth control of implements.

Lifting capacity at lift point, kg	4000
Maximum pressure, MPa	20
Pump capacity, l/min	45
Hydraulic system capacity, l	28

BELARUS 952.6

- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Distinctions:
 - Engine of "Minsk Motor Plant" with "Common Rail" electronic injection system from "Bosch" and emission-gas control system from LLC "ROSSKAT". It complies with Stage IV/Final Tier 4 ecological requirements.
- Optional equipment:
 - Air conditioner.
 - Double-lever gearbox control.
 - Brakes operating in oil bath.
 - Ceramic-metal clutch pads.
 - Creeper.
 - Double-wire pneumatic drive.
 - Rear wheel ballast weights.
 - Set for rear wheels doubling.
 - Additional seat.

Manufacturer: "Minsk Tractor Works"



ENGINE

Type	diesel with "Common Rail" electronic injection system, with turbocharging, intercooler and selective catalytic reduction system (DOC+SCR)
Model	D-245.5S4 (Minsk Motor Plant)
Power, kW (hp)	70 (95)
Rated speed, rpm	2200
Number of cylinders, pcs	4
Displacement, l	4.75
Maximum torque, N·m	464
Fuel rate at operating power, g/kW·h	223
Factor of torque backup, %	25
Fuel tanks capacity, l	135

POWER TRAIN

Clutch	dry, single-disk
Clutch control	mechanical
Gearbox	mechanical, synchronized
Number of gears:	
forward/ reverse	14/4
Travel speed, km/h:	
forward/ reverse	2.78-39.9/5.85-13.18
Rear PTO:	
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	3.36

Rear axle differential lock: with electrohydraulic control, three operating modes (disengaged; lock engaged with automatic disengagement when front wheels turn more than 13°; forced engaged).

DIMENSIONS AND WEIGHTS

Overall length, mm	4440
Width, mm	1970
Cab height, mm	2850
Tractor base, mm	2450
Tread, mm	
front wheels	1420-1970
rear wheels	1500-1600, 1800-2100
Agrotechnical clearance, mm	510
Min turning radius (with partial braking), m	4.5
Fordable depth, m	0.85
Operating weight, kg	4650
Tire sizes (standard):	
front wheels	360/70R24
rear wheels	18.4R34

HYDRAULIC HITCH SYSTEM

Unit-principle with hydraulic lift providing draft, position, combined and height depth control of implements.

Lifting capacity at lift point, kg	4000
Maximum pressure, MPa	20
Pump capacity, l/min	45
Hydraulic system capacity, l	28

BELARUS 1021



- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Distinctions:
 - Front driving axle with planetary spur wheel reduction gears.
 - Rear axle with planetary final drives.
 - Ceramic-metal clutch pads.
 - With hydraulic lift.
- Optional equipment:
 - Brakes operating in oil bath.
 - Double-lever gearbox control.
 - Additional seat.
 - Set for front and rear wheels doubling.
 - Creeper.
 - Rear wheel ballast weights.
 - Front ballast weights.
 - Double-wire trailer brakes pneumatic drive.

Manufacturer: «Minsk Tractor Works».

ENGINE

Type	diesel with direct injection and turbocharging
Model	D-245
Power, kW (h. p.)	77 (105)
Crankshaft rated speed, rpm	2200
Number of cylinders, pcs.	4
Bore/stroke, mm	110 x 125
Displacement, l	4.75
Maximum torque, N·m	385
Factor of torque backup, %	15
Fuel tanks capacity, l	135

DIMENSIONS AND WEIGHTS

Overall length, mm	4105
Width, mm	2250
Cab height, mm	2840
Wheelbase, mm	2445
Tread, mm:	
front wheels	1420–2000
rear wheels	1600–2400
Agrotechnical clearance, mm	645
Min turning radius (without partial braking), m	5.9
Operating weight, kg	4250
Tire sizes (standard):	
front wheels	360/70R24
rear wheels	16.9R38

POWER TRAIN

Gearbox	single-disk, dry
Gearbox	mechanical, synchronized
Number of gears:	
forward/reverse	14/4
Travel speed, km/h:	
forward/reverse	2.6–36.6/5.5–12.4
Rear PTO:	
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	3.3

Rear axle differential lock: with electrohydraulic control, three operating modes (disengaged; lock engaged with automatic disengagement when front wheels turn more than 13°; forced engaged).

HYDRAULIC HITCH SYSTEM

Unit-principal with hydraulic lift providing draft, position, combined and height control of implements.

Lifting capacity	
at lift point, kg	4200
Maximum pressure, MPa	20
Pump capacity, l/min	46
Hydraulic system capacity, l	28

BELARUS 1021.3/1021.4

- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Distinctions:
 - Diesel engine complies with Stage II/Tier 2 ecological requirements according to emissions of hazardous substances (1021.3).
 - Diesel engine complies with Stage IIIa/Tier 3 ecological requirements according to emissions of hazardous substances (1021.4).
 - Front driving axle with planetary spur reduction gears.
 - Rear axle with planetary final drives.
 - Ceramic-metal clutch pads.
- Optional equipment:
 - Air conditioner.
 - Creeper, hydraulic creeper (1021.3).
 - Rear wheel ballast weights.
 - Additional seat.
 - Double-wire trailer brakes pneumatic drive.
 - Double-lever gearbox control.
 - Hydromechanical power train.
 - Front and rear wheels doubling.
 - Canopy-frame (1021.3).



Manufacturer: «Minsk Tractor Works».

ENGINE

Type	Diesel with direct injection, turbocharging and intercooler	Diesel with "Common Rail" electronic injection system or mechanical "Mercer", with turbocharging and intercooler
Model	D-245S2	D-245S3A
Power, kW (h. p.)		81 (110)
Crankshaft rated speed, rpm		2200
Number of cylinders, pcs.		4
Bore/stroke, mm		110 x 125
Displacement, l		4.75
Maximum torque, N·m	430	440
Factor of torque backup, %		25
Fuel tanks capacity, l		135

DIMENSIONS AND WEIGHTS

	1021.3	1021.4
Overall length, mm		4525
Width, mm		2250
Cab height, mm		2840
Wheelbase, mm		2445
Tread, mm:		
front wheels		1420–2000
rear wheels		1600–2400
Agrotechnical clearance, mm		645
Min turning radius, m		5.9
Operating weight without ballast, kg	4870	4930
Tire sizes:		
front wheels		360/70R24
rear wheels		16.9R38

POWER TRAIN

Clutch	dry, single-disk
Gearbox	mechanical, synchronized
Number of gears:	
forward/reverse	14/4
Travel speed, km/h:	
forward/reverse	2.6–36.6/5.5–12.4
Rear PTO:	
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	4.3

HYDRAULIC HITCH SYSTEM

Unit-principal with hydraulic lift providing draft, position, combined and height control of implements.

Lifting capacity	
at lift point, kg	4300
Maximum pressure, MPa	20
Pump capacity, l/min	45
Hydraulic system capacity, l	28

Rear axle differential lock: with electrohydraulic control, three operating modes (disengaged; lock engaged with automatic disengagement when front wheels turn more than 13°; forced engaged).

BELARUS 1021.5



- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Distinctions:
 - Diesel engine complies with Stage IIb/ Interim Tier 4 ecological requirements according to emissions of hazardous substances.
 - Rear axle with planetary final drives.
 - Ceramic-metal clutch pads.
- Optional equipment:
 - Double-wire pneumatic drive.
 - Additional seat.
 - Front and rear wheels doubling.
 - Air conditioner.
 - Brakes operating in oil bath.
 - Creeper.
 - Rear wheel ballast weights.
 - Compressor with valve (without pneumatic system).
 - Combined pneumatic drive.

Manufacturer: «Minsk Tractor Works».

ENGINE

Type	diesel with "Common Rail" electronic injection system with turbocharging, intercooler and selective catalytic reduction system (SCR)
Model	D-245S3B
Power, kW (h. p.)	81 (110)
Crankshaft rated speed, rpm	2200
Number of cylinders, pcs.	4
Bore/stroke, mm	110 x 125
Displacement, l	4.75
Maximum torque, N·m	440
Fuel rate at operating power, g/kW·h	234
Factor of torque backup, %	25
Fuel tanks capacity, l	135

DIMENSIONS AND WEIGHTS

Overall length, mm	4525
Width, mm	2250
Cab height, mm	2840
Wheelbase, mm	2445
Tread, mm:	
front wheels	1420–2000
rear wheels	1600–2400
Agrotechnical clearance, mm	645
Min turning radius without partial braking, m	5.9
Operating weight without ballast, kg	5560
Tire sizes:	
front wheels	360/70R24
rear wheels	16.9R38

POWER TRAIN

Clutch	dry, single-disk
Clutch control	mechanical
Gearbox	mechanical, synchronized
Number of gears:	
forward	14
reverse	4
Travel speed, km/h:	
forward	2.6–37.5
reverse	5.5–12.4
Rear PTO:	
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	4.3

HYDRAULIC HITCH SYSTEM

Unit-principal with hydraulic lift providing draft, position, combined and height control of implements.

Lifting capacity at lift point, kg	4200
Maximum pressure, MPa	20
Pump capacity, l/min	45
Hydraulic system capacity, l	28

Rear axle differential lock: with electrohydraulic control, three operating modes (disengaged; lock engaged with automatic disengagement when front wheels turn more than 13°; forced engaged).

BELARUS 1021.6

- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.

- Distinctions:

Engine of "Minsk Motor Plant" with "Common Rail" electronic injection system from "Bosch" and emission-gas control system from LLC "ROSSKAT". It complies with Stage IV/Final Tier 4 ecological requirements.

- Optional equipment:

Air conditioner.
Brakes operating in oil bath.
Creeper.
Compressor with valve (without pneumatic system).
Double-wire pneumatic drive.
Rear wheel ballast weights.
Set for wheels doubling.
Additional seat.

Manufacturer: «Minsk Tractor Works».



ENGINE

Type	diesel with "Common Rail" electronic injection system with turbocharging, intercooler and selective catalytic reduction system (DOC+SCR)
Model	D-245S4
Power, kW (hp)	81 (110)
Crankshaft rated speed, rpm	2200
Number of cylinders, pcs	4
Displacement, l	4.75
Maximum torque, N·m	440
Fuel rate at operating power, g/kW h	234
Factor of torque backup, %	25
Fuel tanks capacity, l	135

POWER TRAIN

Clutch	dry, single-disk
Clutch control	mechanical
Gearbox	synchronized
Number of gears:	
forward/ reverse	14/4
Travel speed, km/h:	
forward/ reverse	2.6-37.5/5. 5-12.4
Rear PTO:	
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	4.3
PTO control	electrohydraulic

Rear axle differential lock: with electrohydraulic control, three operating modes (disengaged; lock engaged with automatic disengagement when front wheels turn more than 13°; forced engaged).

DIMENSIONS AND WEIGHTS

Overall length, mm	4525
Width, mm	2250
Cab height, mm	2840
Tractor base, mm	2445
Tread, mm	
front wheels	1420-1970
rear wheels	1600-2400
Agrotechnical clearance, mm	645
Min turning radius (with partial braking), m	4.4
Fordable depth, m	0.85
Operating weight, kg	5560
Tire sizes (standard):	
front wheels	360/70R24
rear wheels	16.9R38

HYDRAULIC HITCH SYSTEM

Unit-principal with hydraulic lift providing draft, position, combined and height control of implements.

Lifting capacity at lift point, kg	4200
Maximum pressure, MPa	20
Pump capacity, l/min	45
Hydraulic system capacity, l	28

BELARUS 1025.2



- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Distinctions:
 - Diesel engine complies with Stage I/Tier 1 ecological requirements according to emissions of hazardous substances.
 - Power train with pressure lubricating system.
 - PTO shaft with hydraulically moving disks.
 - Front driving axle with planetary spur reduction gears.
- Optional equipment:
 - Brakes, operating in oil reservoir.
 - Creeper.
 - Set for rear wheels doubling.
 - Additional seat.
 - Lifting type drawbar device.
 - Double-wire pneumatic drive.

Manufacturer: «Minsk Tractor Works».

ENGINE

Type	diesel with direct injection with turbocharging
Model	D-245C
Power, kW (h. p.)	79 (107)
Crankshaft rated speed, rpm	2200
Number of cylinders, pcs.	4
Bore/stroke, mm	110 x 125
Displacement, l	4.75
Maximum torque, N·m	385
Factor of torque backup, %	14
Fuel tanks capacity, l	135

POWER TRAIN

Clutch	double disk
Gearbox	mechanical, synchronized
Number of gears:	
forward/reverse	16/8
Travel speed, km/h:	
forward/reverse	2.3–36.6/4.1–17.2
Rear PTO:	
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	3.5

Rear axle differential lock: with electrohydraulic control, three operating modes (disengaged; lock engaged with automatic disengagement when front wheels turn more than 13°; forced engaged).

DIMENSIONS AND WEIGHTS

Overall length, mm	4205
Width, mm	1970
Cab height, mm	2820
Wheelbase, mm	2570
Tread, mm:	
front wheels	1420–2000
rear wheels	1400–2100
Agrotechnical clearance, mm	645
Min turning radius without partial braking, m	5.3
Operating weight, kg	4480
Tire sizes (standard):	
front wheels	360/70R24
rear wheels	18.4R34

HYDRAULIC HITCH SYSTEM

Unit-principal with hydraulic lift providing draft, position, combined and height control of implements.

Lifting capacity	
at lift point, kg	4200
Maximum pressure, MPa	20
Pump capacity, l/min	56
Hydraulic system capacity, l	28

BELARUS 1025.3/1025.4

- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
Distinctions:
- Diesel engine complies with Stage II/Tier 2 ecological requirements according to emissions of hazardous substances (1025.3).
Diesel engine complies with Stage IIb/Interim Tier 4 ecological requirements according to emissions of hazardous substances (1025.4).
For 1025.4: Power train with pressure lubricating system.
PTO shaft with hydraulically moving disks.
Front driving axle with planetary spur reduction gears.
- Optional equipment:
Brakes, operating in oil bath.
Creeper.
Set for rear wheels doubling.
Air conditioner.
Additional seat.
Lifting type drawbar device.
Double-wire pneumatic drive.
Combined pneumatic drive.



Manufacturer: «Minsk Tractor Works».

ENGINE

	1025.3	1025.4
Type	Diesel with direct injection, turbocharging and intercooler	Diesel with "Common Rail" electronic injection system with turbocharging, intercooler and selective catalytic reduction system (SCR)
Model	D-245S2	D-245S3A (MMP)
Power, kW (h. p.)		81 (110)
Crankshaft rated speed, rpm		2200
Number of cylinders, pcs.		4
Bore/stroke, mm		110 x 125
Displacement, l		4.75
Maximum torque, N·m	429	430
Factor of torque backup, %		25
Fuel tanks capacity, l		135

POWER TRAIN

Clutch	dry, double disk
Gearbox	mechanical, synchronized
Number of gears:	
forward/reverse	16/8
Travel speed, km/h:	
forward/reverse	2.3–36.6/4.1–17.2
Rear PTO:	
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	3.5

Rear axle differential lock: with electrohydraulic control, three operating modes (disengaged; lock engaged with automatic disengagement when front wheels turn more than 13°; forced engaged).

DIMENSIONS AND WEIGHTS

	1025.3	1025.4
Overall length, mm	4600	
Width, mm	1970	
Cab height, mm	2820	
Wheelbase, mm	2570	
Tread, mm:		
front wheels	1420–2000	
rear wheels	1400–2100	
Agrotechnical clearance, mm	645	
Min turning radius, m	5.3	
with partial braking, m	4.5	
Operating weight, kg	4665	4730
Tire sizes (standard):		
front wheels	360/70R24	
rear wheels	18.4R34	

HYDRAULIC HITCH SYSTEM

Unit-principal with hydraulic lift providing draft, position, combined and height control of implements.

Lifting capacity	
at lift point, kg	4200
Maximum pressure, MPa	20
Pump capacity, l/min	56
Hydraulic system capacity, l	28

BELARUS 1025.5



- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Distinctions:
Diesel engine complies with Stage IIb/Interim Tier 4 ecological requirements according to emissions of hazardous substances.
PTO shaft with hydraulically moving disks.
- Optional equipment:
Air conditioner.
Brakes operating in oil bath.
Creeper.
Rear wheels ballast weights.
Compressor with valve (without pneumatic system).
Set for rear wheels doubling.

Manufacturer: «Minsk Tractor Works».

ENGINE

Type	diesel with "Common Rail" electronic injection system with turbocharging, intercooler and selective catalytic reduction system (SCR)
Model	D-245 S3B (MMP)
Power, kW (h. p.)	81 (110)
Crankshaft rated speed, rpm	2200
Number of cylinders, pcs.	4
Displacement, l	4.75
Maximum torque, N·m	440
Fuel rate at operating power, g/kW·h	234
Factor of torque backup, %	25
Fuel tanks capacity, l	135

DIMENSIONS AND WEIGHTS

Overall length, mm	4600
Width, mm	1970
Cab height, mm	2820
Wheelbase, mm	2570
Tread, mm:	
front wheels	1420–2000
rear wheels	1400–2100
Agrotechnical clearance, mm	645
Min turning radius, m	5.3
Operating weight, kg	5335
Tire sizes:	
front wheels	360/70R24
rear wheels	18.4R34

POWER TRAIN

Clutch	dry, double disk
Clutch control	mechanical
Gearbox	mechanical, synchronized
Number of gears:	
forward/reverse	16/8
Travel speed, km/h:	
forward/reverse	2.3–36.6/4.1–17.2
Rear PTO:	
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	3.5
PTO control	hydromechanical

HYDRAULIC HITCH SYSTEM

Unit-principal with hydraulic lift providing draft, position, combined and height control of implements.

Lifting capacity	
at lift point, kg	4200
Maximum pressure, MPa	20
Pump capacity, l/min	56
Hydraulic system capacity, l	28

Rear axle differential lock: with electrohydraulic control, three operating modes (disengaged; lock engaged with automatic disengagement when front wheels turn more than 13°; forced engaged).

BELARUS 1025.6

- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Distinctions:
 - Engine of "Minsk Motor Plant" with "Common Rail" electronic injection system from "Bosch" and emission-gas control system from LLC "ROSSKAT". It complies with Stage IV/Final Tier 4 ecological requirements.
 - PTO's drive – with hydraulically controlled friction clutch.
- Optional equipment:
 - Air conditioner.
 - Brakes operating in oil bath.
 - Creeper.
 - Compressor with valve (without pneumatic system).
 - Double-wire pneumatic drive.
 - Rear wheels ballast weights.
 - Set for rear wheels doubling.
 - Additional seat.

Manufacturer: "Minsk Tractor Works"



ENGINE

Type	diesel with "Common Rail" electronic injection system with turbocharging, intercooler and selective catalytic reduction system (DOC+SCR)
Model	D-245S4
Power, kW (hp)	81 (110)
Crankshaft rated speed, rpm	2200
Number of cylinders, pcs	4
Displacement, l	4.75
Maximum torque, N·m	440
Fuel rate at operating power, g/kW·h	234
Factor of torque backup, %	25
Fuel tanks capacity, l	135

DIMENSIONS AND WEIGHTS

Overall length, mm	4600
Width, mm	1970
Cab height, mm	2820
Tractor base, mm	2570
Tread, mm	
front wheels	1420-2000
rear wheels	1400-2100
Agrotechnical clearance, mm	645
Min turning radius, (with partial braking), m	4.6
Operating weight, kg	5335
Tire sizes (standard):	
front wheels	360/70R24
rear wheels	18.4R34

POWER TRAIN

Clutch	dry, double-disk
Clutch control	mechanical
Gearbox	mechanical, synchronized
Number of gears:	
forward/ reverse	16/8
Travel speed, km/h:	
forward/ reverse	2.3-36.6/4.1-17.2
Rear PTO:	
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	3.5

HYDRAULIC HITCH SYSTEM

Unit-principal with hydraulic lift providing draft, position, combined and height control of implements.

Lifting capacity at	
lift point, kg	4200
Maximum pressure, MPa	20
Pump capacity, l/min	56
Hydraulic system capacity, l	28

Rear axle differential lock: with electrohydraulic control, three operating modes (disengaged; lock engaged with automatic disengagement when front wheels turn more than 13°; forced engaged).

BELARUS 1220.3/1220.4



- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Distinctions:
 - Diesel engine complies with Stage II/Tier 2 (1220.3), Stage IIIa/Tier 3 (1220.4) ecological requirements.
 - Power train with pressure lubricating system.
 - Front driving axle with planetary spur reduction gears.
 - PTO shaft with hydraulically moving disks.
- Optional equipment:
 - Mechanical, synchronized gearbox (24/12).
 - Electronic hydraulic system.
 - Air conditioner.
 - Brakes operating in oil bath.
 - Double-wire pneumatic drive.
 - Creeper.
 - Set for rear wheels doubling.
 - Additional seat.

Manufacturer: «Minsk Tractor Works».

ENGINE

	1220.3	1220.4
Type	Diesel with direct injection, turbocharging and intercooler	Diesel with "Common Rail" electronic injectionsystem or mechanical "Mercer", with turbocharging and intercooler
Model	D-245.2S2	D-245.2S3A
Power, kW (h. p.)		90 (122)
Crankshaft rated speed, rpm		2200
Number of cylinders, pcs.		4
Bore/stroke, mm		110 x 125
Maximum torque, N·m	490	501
Factor of torque backup, %		25
Fuel tanks capacity, l		255

POWER TRAIN

Clutch	dry, double-disk, spring-loaded
Gearbox	synchronized, fixed-ratio, 4-range
Number of gears:	
forward	16
reverse	8
Travel speed, km/h:	
forward/reverse	1.7-36.7/3.1-17.2
Rear PTO:	
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	4.18

Rear axle differential lock: with electrohydraulic control, three operating modes (disengaged; lock engaged with automatic disengagement when front wheels turn more than 13°; forced engaged).

DIMENSIONS AND WEIGHTS

Overall length, mm	4600
Width, mm	2250
Cab height, mm	2890
Wheelbase, mm	2600
Tread, mm:	
front wheels	1550-2100
rear wheels	1450-2200
Agrotechnical clearance, mm	630
Min turning radius, with partial braking, m	5.0
Operating weight, kg	5500
Tire sizes:	
front wheels	420/70R24
rear wheels	18.4R38

HYDRAULIC HITCH SYSTEM

Unit-principal with hydraulic lift providing draft, position, combined and height control of implements.

Lifting capacity at lift point, kg	4300
Maximum pressure, MPa	20
Pump capacity, l/min	56
Hydraulic system capacity, l	25

BELARUS 1220.5

- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.

- Distinctions:

Diesel engine complies with Stage IIIb/Interim Tier 4 ecological requirements according to emissions of hazardous substances.

- PTO shaft with hydraulically moving disks.

Optional equipment:

Mechanical, synchronized gearbox (24/12).

Air conditioner.

Brakes operating in oil bath.

Creeper.

Compressor with valve (without pneumatic system).

Combined pneumatic drive.

Rear wheels ballast weights.

Set for rear wheels doubling.

Manufacturer: "Minsk Tractor Works"



ENGINE

Type	diesel with "Common Rail" electronic injection system with turbocharging, intercooler and selective catalytic reduction system (SCR)
Model	D-245.2S3B
Power, kW (hp)	90 (122)
Crankshaft rated speed, rpm	2200
Number of cylinders, pcs	4
Displacement, l	4.75
Maximum torque, N·m	501
Fuel rate at operating power, g/kW·h	234
Factor of torque backup, %	25
Fuel tanks capacity, l	135

DIMENSIONS AND WEIGHTS

Overall length, mm	4600
Width, mm	2250
Cab height, mm	2890
Tractor base, mm	2600
Tread, mm	
front wheels	1550–2100
rear wheels	1450–2200
Agrotechnical clearance, mm	630
Min turning radius, m	5.0
Fordable depth, m	0.85
Operating weight, kg	5620
Tire sizes (standard):	
front wheels	360/70R24
rear wheels	18,4R38

TRANSMISSION

Clutch	dry, double-disk
Clutch control	mechanical
Gearbox	mechanical, synchronized
Number of gears:	
forward/ reverse	16/8
Travel speed, km/h:	
forward/ reverse	2.19-40/2.8-18.6
Rear PTO:	
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	4.18
PTO control	electrohydraulic

HYDRAULIC HITCH SYSTEM

Unit-principal with hydraulic lift providing draft, position, combined and height control of implements.

Lifting capacity at lift point, kg	4300
Maximum pressure, MPa	20
Pump capacity, l/min	45
Hydraulic system capacity, l	30

Rear axle differential lock: with electrohydraulic control, three operating modes (disengaged; lock engaged with automatic disengagement when front wheels turn more than 13°; forced engaged).

BELARUS 1220.6



■ Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.

■ Distinctions:

Engine of "Minsk Motor Plant" with "Common Rail" electronic injection system from "Bosch" and emission-gas control system from LLC "ROSSKAT". It complies with Stage IV/Final Tier 4 ecological requirements.

PTO's drive – with hydraulically controlled friction clutch.

■ Optional equipment:

Mechanical, synchronized gearbox (24/12)»

Air conditioner»

Brakes operating in oil bath»

Creeper»

Compressor with valve (without pneumatic system)»

Double-wire pneumatic drive»

Set for rear wheels doubling.

Manufacturer: "Minsk Tractor Works"

ENGINE

Type	diesel with "Common Rail" electronic injection system with turbocharging, intercooler and selective catalytic reduction system (SCR)
Model	D-245.2S4
Power, kW (hp)	90 (122)
Crankshaft rated speed, rpm	2200
Number of cylinders, pcs	4
Displacement, l	4.75
Maximum torque, N·m	501
Fuel rate at operating power, g/kW·h	234
Factor of torque backup, %	25
Fuel tanks capacity, l	135

DIMENSIONS AND WEIGHTS

Overall length, mm	4600
Width, mm	2250
Cab height, mm	2890
Tractor base, mm	2600
Tread, mm	
front wheels	1550–2100
rear wheels	1450–2200
Agrotechnical clearance, mm	630
Min turning radius (with partial braking), m	4.3
Fordable depth, m	0.85
Operating weight, kg	5620
Tire sizes (standard):	
front wheels	360/70R24
rear wheels	18,4R38

POWER TRAIN

Clutch	dry, double-disk
Clutch control	mechanical
Gearbox	synchronized
Number of gears:	
forward/ reverse	16/8
Travel speed, km/h:	
forward/ reverse	1.7-36.7/3.1-17.2
Rear PTO:	
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	4.18

HYDRAULIC HITCH SYSTEM

Unit-principal with hydraulic lift providing draft, position, combined and height control of implements.

Lifting capacity at lift point, kg	4200
Maximum pressure, MPa	20
Pump capacity, l/min	56
Hydraulic system capacity, l	28

Rear axle differential lock: with electrohydraulic control, three operating modes (disengaged; lock engaged with automatic disengagement when front wheels turn more than 13°; forced engaged).

BELARUS 1221T.2

- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Distinctions:
Sun-protective canopy frame, front driving axle with planetary spur final drives.
- Optional equipment:
Mechanical creeper.
Hitching flexible pipes (2 pcs.).
Right-side cab step.
Front PTO, gearbox 24x12, front hitch.

Manufacturer: «Minsk Tractor Works».



ENGINE

Type	diesel with direct injection, and turbocharging
Model	D-260.2
Power, kW (h. p.)	96 (130)
Rated speed, rpm	2100
Number of cylinders, pcs.	6
Bore/stroke, mm	110 x 125
Displacement, l	7.12
Maximum torque at 1400 rpm, N·m	500
Fuel rate at operating power, g/kW·h	226
Factor of torque backup, %	15
Fuel tank capacity, l	135-140

POWER TRAIN

Clutch	dry, double-disk, spring-loaded
Gearbox	mechanical, synchronized, fixed-ratio
Gear shifting	by synchronized clutches
Number of gears:	
forward/reverse	16/8
Travel speed, km/h:	
forward/reverse	1.54–35/2.75–16.4
Rear PTO:	independent, double-speed, with hydromechanical control system
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	4.84 (tires 18.4R38)

Differential lock: friction-type, automatic with hydraulic drive, with 3 operation modes (disengaged; automatic engagement and disengagement; forced engaged). Rear axle with close-type bevel gear differential and planetary final drives.

DIMENSIONS AND WEIGHTS

Overall length, mm	4500
Width, mm	2300
Cab height, mm	2850
Wheelbase, mm	2760
Tread, mm:	
front wheels	1540–2090
rear wheels	1530–2150
Agrotechnical clearance, mm	620
Min turning radius, m	5.4
Operating weight without ballast, kg	5100
Tire sizes:	
front wheels	420/70R24
rear wheels	18.4R38

HYDRAULIC HITCH SYSTEM

Versatile, unit-principle, with automatic depth control system, with draft, position, combined and height control, hitch system hydraulic lift.

Lifting capacity	
at lift point, kg	4300
Maximum pressure, MPa	20
Pump capacity, l/min	51
Hydraulic system capacity, l	25

BELARUS 1221.2/1221B.2



- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Distinctions:
Front driving axle with planetary spur final drives.
- Optional equipment:
Mechanical, fixed-ratio, synchronized gearbox (24/12).
Mechanical creeper.
Diesel engine complies with Stage I/Tier 1 ecological requirements according to emissions of hazardous substances.
Reverse control station (1221B.2).
Front PTO.
Front hitch.
Hitching flexible pipes (2 pcs.).
Right-side cab step.
Front ballast with overall mass up to 1025 kg.
Additional fuel tank.
Engine with glow plugs.

Manufacturer: «Minsk Tractor Works».

ENGINE

Type	in-line diesel with direct injection and turbocharging
Model	D-260.2
Power, kW (h. p.)	96 (130)
Crankshaft rated speed, rpm	2100
Number of cylinders, pcs.	6
Bore/stroke, mm	110 x 125
Displacement, l	7.12
Maximum torque at 1400 rpm, N·m	500
Fuel rate at operating power, g/kW·h	226
Factor of torque backup, %	15
Fuel tank capacity, l	135-140

DIMENSIONS AND WEIGHTS

Overall length, mm	4500
Width, mm	2300
Cab height, mm	2850
Wheelbase, mm	2760
Tread, mm:	
front wheels	1540-2090
rear wheels	1530-2150
Agrotechnical clearance, mm	620
Min turning radius, m	5.4
Operating weight, kg	5730
Tire sizes (standard):	
front wheels	420/70R24
rear wheels	18.4R38

POWER TRAIN

Clutch	dry, double-disk, spring-loaded
Gearbox	mechanical, synchronized, fixed-ratio
Gear shifting	by synchronized clutches
Number of gears:	
forward/reverse	16/8
Travel speed, km/h:	
forward/reverse	1.54-35/2.75-16.4
Rear PTO:	independent, double-speed, with hydromechanical control system
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	4.84 (tires 18.4R38)

Differential lock: friction-type, with hydraulic control, with 3 operation modes (disengaged; automatic engagement and disengagement; forced engaged).
Rear axle with close-type bevel gear differential and planetary final drive.

HYDRAULIC HITCH SYSTEM

Versatile, unit-principle, with automatic depth control system, with draft, position, combined and height control, hitch system hydraulic lift.

Lifting capacity	
at lift point, kg	4300
Maximum pressure, MPa	20
Pump capacity, l/min	51
Hydraulic system capacity, l	28

BELARUS 1221.3

- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Distinctions:
 - Diesel engine complies with Stage II/Tier 2 ecological requirements according to emissions of hazardous substances.
- Optional equipment:
 - Mechanical, fixed-ratio, synchronized gearbox (24/12).
 - Brakes operating in oil reservoir.
 - Mechanical creeper.
 - Front PTO.
 - Front hitch.
 - Air conditioner.
 - Right-side cab footboard.
 - Front ballast with overall mass up to 1025 kg.

Manufacturer: «Minsk Tractor Works».



ENGINE

Type	diesel with direct injection, turbocharging and intercooler
Model	D-260.2S2
Power, kW (h. p.)	97 (132)
Rated speed, rpm	2100
Number of cylinders, pcs.	6
Bore/stroke, mm	110 x 125
Displacement, l	7.12
Maximum torque at 1400 rpm, N·m	568
Fuel rate at rated power, g/kW·h	250
Factor of torque backup, %	25
Fuel tank capacity, l	135-140

POWER TRAIN

Clutch	dry, double-disk, spring-loaded
Gearbox	mechanical, synchronized, fixed-ratio
Gear shifting	by synchronized clutches
Number of gears:	
forward/reverse	16/8
Travel speed, km/h:	
forward/reverse	1.54-35.0/2.75-16.4
Rear PTO:	independent, double-speed, with hydromechanical control system
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	4.84 (tires 18.4R38)

Differential lock: friction-type, automatic with hydraulic drive, with 3 operation modes (disengaged; automatic engagement and disengagement; forced engaged). Rear axle with close-type bevel gear differential and planetary final drives. Lock clutch – dry, multidisk, optional – multi-disk, operating in oil bath.

DIMENSIONS AND WEIGHTS

Overall length, mm	4500
Width, mm	2300
Cab height, mm	2850
Wheelbase, mm	2760
Tread, mm:	
front wheels	1540–2090
rear wheels	1530–2150
Agrotechnical clearance, mm	620
Min turning radius, m	5.4
Operating weight, kg	5730
Tire sizes:	
front wheels	420/70R24
rear wheels	18.4R38

HYDRAULIC HITCH SYSTEM

Versatile, unit-principle, with hydraulic lift, providing draft, position and combined depth control.

Lifting capacity	
at lift point, kg	4300
Maximum pressure, MPa	20
Pump capacity, l/min	51
Hydraulic system capacity, l	28

BELARUS 1221.4



- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Distinctions:
Diesel engine complies with Stage IIIa/Tier 3 ecological requirements according to emissions of hazardous substances.
- Optional equipment:
Mechanical, fixed-ratio gearbox (24/12).
Brakes operating in oil bath.
Mechanical creeper.
Front hitch.
Front PTO (with engine of Minsk Motor Plant).
Air conditioner.
Right-side cab footboard/

Manufacturer: «Minsk Tractor Works».

ENGINE

Type	diesel with "Common Rail" electronic injectionsystem or mechanical "Mercer", with turbocharging and intercooler
Model	D-260.2S3A (MMP)
Power, kW (h. p.)	96.9(131.7)
Rated speed, rpm	2100
Number of cylinders, pcs.	6
Bore/stroke, mm	101 x 126
Displacement, l	7.12
Maximum torque, N·m	770
Fuel rate at operating power, g/kW·h	235
Factor of torque backup, %	25
Fuel tank capacity, l	135-140

POWER TRAIN

Clutch	dry, double-disk, spring-loaded
Gearbox	mechanical, synchronized, fixed-ratio
Gears shifting	by synchronized clutches
Number of gears:	
forward/reverse	16/8
Travel speed, km/h:	
forward/reverse	1.5-35/2.75-16.4
Rear PTO:	independent, double-speed, with hydromechanical control system
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	4.84 (tires 18.4R38)

Differential lock: friction-type, automatic with hydraulic drive, with 3 operation modes (disengaged; automatic engagement and disengagement; forced engaged). Rear axle with close-type bevel gear differential and planetary final drives.

DIMENSIONS AND WEIGHTS

Overall length, mm	4500
Width, mm	2300
Cab height, mm	2850
Wheelbase, mm	2760
Tread, mm:	
front wheels	1540-2090
rear wheels	1530-2150
Agrotechnical clearance, mm	620
Min turning radius, m	5.4
Operating weight, kg	5730
Tire sizes:	
front wheels	420/70R24
rear wheels	18.4R38

HYDRAULIC HITCH SYSTEM

Versatile, unit-principle, with hydraulic lift, providing draft, position and combined depth control.

Lifting capacity	
at lift point, kg	4300
Maximum pressure, MPa	20
Pump capacity, l/min	51
Hydraulic system capacity, l	28

BELARUS 1221.5

- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Distinctions:
Diesel engine complies with Stage IIb/Interim Tier 3 ecological requirements according to emissions of hazardous substances.
- Optional equipment:
Mechanical, fixed-ratio gearbox (24/12).
Brakes operating in oil bath.
Mechanical creeper.
Front hitch.
Front PTO.
Air-conditioner.
Right-side cab footboard.

Manufacturer: «Minsk Tractor Works».



ENGINE

Type	diesel with "Common Rail" electronic injection system with turbocharging and intercooler and selective catalytic reduction system (SCR)
Model	D-260.2S3B (Minsk Motor Plant)
Power, kW (hp)	100 (136)
Crankshaft rated speed, rpm	2100
Number of cylinders, pcs.	6
Bore/stroke, mm	110x125
Displacement, l	7.12
Maximum torque, N·m	570
Fuel rate at operating power, g/kW·h	235
Factor of torque backup, %	25
Fuel tank capacity, l	135-140

POWER TRAIN

Clutch	dry, double-disk, spring-loaded
Gearbox	mechanical, synchronized, fixed-ratio
Gears shifting	by synchronized clutches
Number of gears:	
forward/reverse	16/8
Travel speed, km/h:	
forward/reverse	1.5-35/2.75-16.4
Rear PTO:	independent, double-speed, with hydromechanical control system
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	4.84 (tires 18.4R38)

Differential lock: friction-type, automatic with hydraulic drive, with 3 operation modes (disengaged; automatic engagement and disengagement; forced engaged). Rear axle with close-type bevel gear differential and planetary final drives.

DIMENSIONS AND WEIGHTS

Overall length, mm	4500
Width, mm	2300
Cab height, mm	2850
Wheelbase, mm	2760
Tread, mm	
front wheels	1540-2090
rear wheels	1530-2150
Agrotechnical clearance, mm	620
Min turning radius, m	5.4
Operating weight, kg	5870
Tire sizes:	
front wheels	420/70R24
rear wheels	18.4R38

HYDRAULIC HITCH SYSTEM

Versatile, unit-principle with hydraulic lift, providing draft, position and combined depth control.

Lifting capacity at lift point, kg	4300
Maximum pressure, MPa	20
Pump capacity, l/min	51
Hydraulic system capacity, l	28

BELARUS 1221.6



- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Distinctions:
Diesel engine complies with Stage IV/Final Tier 4 ecological requirements according to emissions of hazardous substances.
- Optional equipment:
Mechanical, fixed-ratio gearbox (24/12).
Brakes operating in oil bath.
Mechanical creeper.
Front hitch.
Front PTO.
Air conditioner.

Manufacturer: «Minsk Tractor Works».

ENGINE

Type	diesel with "Common Rail" electronic injection system, turbocharging and selective catalytic reduction system (DOC+SCR)
Model	D-260.2S4 (Minsk Motor Plant)
Power, kW (hp)	100 (136)
Crankshaft rated speed, rpm	2100
Number of cylinders, pcs.	6
Bore/stroke, mm	110x125
Displacement, l	7.12
Maximum torque, N.m	570
Fuel rate at operating power, g/kW h	220
Factor of torque backup, %	25
Fuel tank capacity, l	135-140

POWER TRAIN

Clutch	dry, double- disk, spring-loaded
Gearbox	mechanical, synchronized, fixed-ratio
Gears shifting	by synchronized clutches
Number of gears:	
forward/ reverse	16/8
Travel speed, km/h:	
forward/reverse	1.5-35/2.75-16.4
Rear PTO:	independent, double-speed, with hydromechanical control system
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	4.24)

Differential lock: friction-type, automatic with hydraulic drive, with 3 operation modes (disengaged; automatic engagement and disengagement; forced engaged). Rear axle with close-type bevel gear differential and planetary final drives.

DIMENSIONS AND WEIGHTS

Overall length, mm	4500
Width, mm	2300
Cab height, mm	2850
Wheelbase, mm	2760
Tread, mm	
front wheels	1540-2090
rear wheels	1530-2150
Agrotechnical clearance, mm	620
Min turning radius, m	5.4
Operating weight, kg	5900
Tire sizes:	
front wheels	420/70R24
rear wheels	18.4R38

HYDRAULIC HITCH SYSTEM

Versatile, unit-principle with hydraulic lift, providing draft, position and combined depth control.

Lifting capacity at	
lift point, kg	4300
Maximum pressure, MPa	20
Pump capacity, l/min	51
Hydraulic system capacity, l	28

BELARUS 1222.3

- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Distinctions:
Diesel engine complies with Stage II/Tier 2 ecological requirements according to emissions of hazardous substances.
- Optional equipment:
Mechanical, fixed-ratio gearbox (24/12).
Mechanical creeper.
Front hitch.
Front PTO (with engine of Minsk Motor Plant).
Air conditioner.
Right-side cab footboard.

Manufacturer: «Minsk Tractor Works».



ENGINE

Type	diesel with direct injection, with turbocharging and intercooler
Model	D-260.2S2 (Minsk Motor Plant)
Power, kW (h. p.)	100 (136)
Rated speed, rpm	2100
Number of cylinders, pcs.	6
Bore/stroke, mm	110 x 125
Displacement, l	7.12
Maximum torque	
at 1600 rpm, N·m	570
Fuel rate at rated	
power, g/kW·h	235
Factor of torque backup, %	25
Fuel tank capacity, l	250

POWER TRAIN

Clutch	dry, double-disk, spring-loaded
Gearbox	mechanical, synchronized, fixed-ratio
Gears shifting	by synchronized clutches
Number of gears:	
forward/reverse	16/8
Travel speed, km/h:	
forward/reverse	2.02–37.78/2.78–18.57
Rear PTO:	independent, double-speed, with hydromechanical control system
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	3.3

Differential lock: friction-type, automatic with hydraulic drive, with 3 operation modes (disengaged; automatic engagement and disengagement; forced engaged). Rear axle with close-type bevel gear differential and planetary final drives.

DIMENSIONS AND WEIGHTS

Overall length, mm	4600
Width, mm	2250
Cab height, mm	3000
Wheelbase, mm	2760
Tread, mm:	
front wheels	1540–2115
rear wheels	1520–2435
Agrotechnical clearance, mm	620
Min turning radius, m	5.5
Weight with front ballast, kg	6200
Tire sizes:	
front wheels	420/70R24
rear wheels	18.4R38

HYDRAULIC HITCH SYSTEM

Electrohydraulic system with automatic depth control system, with draft, position and combined controls.

Lifting capacity	
at lift point, kg	6500
Maximum pressure, MPa	20
Pump capacity, l/min	55
Hydraulic system capacity, l	35

BELARUS 1222.4



- Tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.
- Distinctions:
Diesel engine complies with Stage IIIa/Tier 3 ecological requirements according to emissions of hazardous substances.
- Optional equipment:
Mechanical, fixed-ratio gearbox (24/12).
Mechanical creeper.
Front hitch.
Front PTO (with engine of Minsk Motor Plant).
Air conditioner.
Right-side cab footboard.

Manufacturer: «Minsk Tractor Works».

ENGINE

Type	diesel with "Common Rail" electronic injection system or mechanical "Mercer", with turbocharging and intercooler
Model	D-260.2S3A (MMP)
Power, kW (h. p.)	100 (136)
Rated speed, rpm	2100
Number of cylinders, pcs.	6
Bore/stroke, mm	110 x 125
Displacement, l	7.12
Maximum torque - at 1600 rpm, N m	570
Fuel rate at rated power, g/kW h	235
Factor of torque backup, %	25
Fuel tank capacity, l	250

POWER TRAIN

Clutch	dry, double-disk, spring-loaded
Gearbox	mechanical, synchronized, fixed-ratio
Gears shifting	by synchronized clutches
Number of gears:	
forward/reverse	16/8
Travel speed, km/h:	
forward/reverse	2.02-37.78/2.78-18.57
Rear PTO:	independent, double-speed, with hydromechanical control system
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	3.3

Differential lock: friction-type, automatic with hydraulic drive, with 3 operation modes (disengaged; automatic engagement and disengagement; forced engaged). Rear axle with close-type bevel gear differential and planetary final drives.

DIMENSIONS AND WEIGHTS

Overall length, mm	4600
Width, mm	2250
Cab height, mm	3000
Wheelbase, mm	2760
Tread, mm:	
front wheels	1540-2115
rear wheels	1520-2435
Agrotechnical clearance, mm	620
Min turning radius, m	5.5
Weight with front ballast, kg	6200
Tire sizes:	
front wheels	420/70R24
rear wheels	18.4R38

HYDRAULIC HITCH SYSTEM

Electrohydraulic system with automatic depth control system, with draft, position and combined controls.

Lifting capacity	
at lift point, kg	6500
Maximum pressure, MPa	20
Pump capacity, l/min	55
Hydraulic system capacity, l	35

GENERAL PURPOSE TRACTORS

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BELARUS 1523/1523B/1523.3



- Tractor is designed for various agricultural operations of general purposes: general tillage and pre-sowing soil treatment, sowing in combination with wide-cut and combined machinery, harvesting consisting of high efficient harvest complexes, transport operations.
- Distinctions:
Reversible control station (1523B). Diesel engine complies with Stage II/Tier 2 ecological requirements according to emissions of hazardous substances (1523.3).
- Optional equipment:
Front PTO.
Front hitch.
Mechanical, fixed-ratio gearbox (24/12).
Air conditioner.
Front ballast with overall mass up to 1025 kg.
Additional seat.
Set for front and rear wheels doubling.

Manufacturer: «Minsk Tractor Works».

ENGINE

	1523/1523B	1523.3
Type	in-line diesel with direct injection and turbocharging	diesel with direct injection, turbocharging and intercooler
Model	D-260.1	D-260.1S2
Power, kW (hp)	109 (148)	111(150)
Crankshaft rated speed, rpm		2100
Number of cylinders, pcs.		6
Bore/stroke, mm		110x125
Displacement, l		7.12
Maximum torque, N·m	596.8	647
Fuel rate at rated power, g/kW·h	227	250
Factor of torque backup, %	15	25
Fuel tank capacity, l		250

POWER TRAIN

Clutch	dry, double-disk, spring-loaded
Gearbox	mechanical, synchronized, fixed-ratio
Gear shifting	by synchronized clutches
Number of gears:	
forward/reverse	16/8
Travel speed, km/h:	
forward/reverse	1.73-32.38/2.72-15.52
Rear PTO:	independent, double-speed, with hydromechanical control system
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	3.8

Differential lock: friction-type, automatic with hydraulic drive, has 3 operation modes (disengaged; automatic engagement (at turn) and disengagement; forced engaged). Rear axle with close-type bevel gear differential and planetary final drives.

DIMENSIONS AND WEIGHTS

Overall length, mm	4710
Width, mm	2250
Cab height, mm	3000
Wheelbase, mm	2760
Tread, mm:	
front wheels	1540-2115
rear wheels	1520-2435
Agrotechnical clearance, mm	620
Min turning radius (without partial breaking), m	5.5
Weight with front ballast, kg	6250
Tire sizes:	
front wheels	420/70R24
rear wheels	520/70R38

HYDRAULIC HITCH SYSTEM

Electrohydraulic system with automatic depth control system, with draft, position and combined control.

Lifting capacity at lift point, kg	6500
Maximum pressure, MPa	20
Pump capacity, l/min	55
Hydraulic system capacity, l	35

BELARUS 1523.4

- Tractor is designed for various agricultural operations of general purposes: general tillage and pre-sowing soil treatment, sowing in combination with wide-cut and combined machinery, harvesting consisting of high efficient harvest complexes, transport operations.
- Distinctions:
Diesel engine complies with Stage IIIa/Tier 3 ecological requirements according to emissions of hazardous substances.
- Optional equipment:
Front PTO (with engine from Minsk Motor Plant).
Front hitch.
Mechanical, fixed-ratio gearbox (24/12).
Air conditioner.
Front ballast with overall mass up to 1025 kg.
Additional seat.
Creeper.
16/8 continuous drive gearbox.
Manufacturer: «Minsk Tractor Works».



ENGINE

Type	diesel with "Common Rail" electronic injection system and turbocharging
Model	D-260.1S3A (Minsk Motor Plant)
Power, kW (h. p.)	111 (150)
Rated speed, rpm	2100
Number of cylinders, pcs.	6
Bore/stroke, mm	110 x 125
Displacement, l	7.12
Maximum torque, N·m	660
Fuel rate	
at operating power, g/kW·h	250
Factor of torque backup, %	25
Fuel tank capacity, l	250

POWER TRAIN

Clutch	dry, double-disk, spring-loaded
Gearbox	mechanical, synchronized, fixed-ratio
Gears shifting	by synchronized clutches
Number of gears:	
forward/reverse	16/8
Travel speed, km/h:	
forward/reverse	1.73-32.38/2.72-15.52
Rear PTO:	independent, double-speed, with hydromechanical control system
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	3.8

Differential lock: friction-type, automatic with hydraulic drive, with 3 operation modes (disengaged; automatic engagement (when turning) and disengagement; forced engaged). Rear axle with close-type bevel gear differential and planetary final drives.

DIMENSIONS AND WEIGHTS

Overall length, mm	4710
Width, mm	2250
Cab height, mm	3000
Wheelbase, mm	2760
Tread, mm:	
front wheels	1540–2115
rear wheels	1520–2435
Agrotechnical clearance, mm	620
Min turning radius (without breaking), m	5.5
Weight with front weights, kg	6250
Tire sizes:	
front wheels	420/70R24
rear wheels	520/70R38

HYDRAULIC HITCH SYSTEM

Electrohydraulic system with automatic depth control system, with draft, position and combined control.

Lifting capacity at lift point, kg	6500
Maximum pressure, MPa	20
Pump capacity, l/min	55
Hydraulic system capacity, l	35

BELARUS 1523.5



- Tractor is designed for various agricultural operations of general purposes: general tillage and pre-sowing soil treatment, sowing in combination with wide-cut and combined machinery, harvesting consisting of high efficient harvest complexes, transport operations.
- Distinctions:
Diesel engine complies with Stage IIIb/Interim Tier 4 ecological requirements according to emissions of hazardous substances.
- Optional equipment:
Front PTO.
Front hitch.
Mechanical, fixed-ratio gearbox (24/12).
Air conditioner.
Front ballast with overall mass up to 1025 kg.
Additional seat.
Creeper.
16/8 continuous drive gearbox.

Manufacturer: «Minsk Tractor Works».

ENGINE

Type	diesel with "Common Rail" electronic injection system with turbocharging, intercooler and selective catalytic reduction system (SCR)
Model	D-260.1S3B (Minsk Motor Plant)
Power, kW (h. p.)	112.4(153)
Rated speed, rpm	2100
Number of cylinders, pcs.	6
Bore/stroke, mm	110 x 125
Displacement, l	7.12
Maximum torque, N·m	660
Fuel rate	
at operating power, g/kW·h	250
Factor of torque backup, %	25
	190

POWER TRAIN

Clutch	dry, double-disk, spring-loaded
Gearbox	mechanical, synchronized, fixed-ratio
Gears shifting	by synchronized clutches
Number of gears:	
forward/reverse	16/8
Travel speed, km/h:	
forward/reverse	1.73–32.38/2.7–15.5
Rear PTO:	independent, double-speed, with hydromechanical control system
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	3.8

Differential lock: friction-type, automatic with hydraulic drive, with 3 operation modes (disengaged; automatic engagement (when turning) and disengagement; forced engaged). Rear axle with close-type bevel gear differential and planetary final drives.

DIMENSIONS AND WEIGHTS

Overall length, mm	4710
Width, mm	2250
Cab height, mm	3000
Wheelbase, mm	2760
Tread, mm:	
front wheels	1540–2115
rear wheels	1520–2435
Agrotechnical clearance, mm	620
Min turning radius (without partial breaking), m	5.5
Weight with front ballast, kg	6400
Tire sizes:	
front wheels	420/70R24
rear wheels	520/70R38

HYDRAULIC HITCH SYSTEM

Electrohydraulic system with automatic depth control system, with draft, position and combined control.

Lifting capacity at lift point, kg	6500
Maximum pressure, MPa	20
Pump capacity, l/min	55
Hydraulic system capacity, l	35

BELARUS 1523.6

- Tractor is designed for various agricultural operations of general purposes: general tillage and pre-sowing soil treatment, sowing in combination with wide-cut and combined machinery, harvesting consisting of high efficient harvest complexes, transport operations.
- Distinctions:
Diesel engine complies with Stage IV/Final Tier 4 ecological requirements according to emissions of hazardous substances.
- Optional equipment:
Front PTO.
Front hitch.
Mechanical, fixed-ratio gearbox (24/12).
Air conditioner.
Front ballast with overall mass up to 1025 kg.

Manufacturer: «Minsk Tractor Works».



ENGINE

Type	diesel with "Common Rail" electronic injection system with turbocharging, intercooler and selective catalytic reduction system (DOC+SCR)
Model	D-260.1S4 (Minsk Motor Plant)
Power, kW (h. p.)	112.4(153)
Rated speed, rpm	2100
Number of cylinders, pcs.	6
Bore/stroke, mm	110 x 125
Displacement, l	7.12
Maximum torque, N·m	660
Fuel rate	
at operating power, g/kW·h	222
Factor of torque backup, %	25
	190

POWER TRAIN

Clutch	dry, double-disk, spring-loaded
Gearbox	mechanical, synchronized, fixed-ratio
Gears shifting	by synchronized clutches
Number of gears:	
forward/reverse	16/8
Travel speed, km/h:	
forward/reverse	1.73–32.38/2.7–15.5
Rear PTO:	independent, double-speed, with hydromechanical control system
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	3.8

Differential lock: friction-type, automatic with hydraulic drive, with 3 operation modes (disengaged; automatic engagement (when turning) and disengagement; forced engaged). Rear axle with close-type bevel gear differential and planetary final drives.

DIMENSIONS AND WEIGHTS

Overall length, mm	5070
Width, mm	2250
Cab height, mm	3000
Wheelbase, mm	2760
Tread, mm:	
front wheels	1540–2115
rear wheels	1520–2435
Agrotechnical clearance, mm	620
Min turning radius (without partial braking), m	5.5
Weight with front ballast, kg	6500
Tire sizes:	
front wheels	420/70R24
rear wheels	520/70R38

HYDRAULIC HITCH SYSTEM

Electrohydraulic system with automatic depth control system, with draft, position and combined control.

Lifting capacity at lift point, kg	6500
Maximum pressure, MPa	20
Pump capacity, l/min	55
Hydraulic system capacity, l	35

BELARUS 1523.6-17/210



- Tractor is designed for various agricultural operations of general purposes: general tillage and pre-sowing soil treatment, sowing in combination with wide-cut and combined machinery, harvesting consisting of high efficient harvest complexes, transport operations.
- Distinctions:
 - 16/8 continuous drive gearbox.
 - Diesel engine complies with Stage IV/Final Tier 4 requirements according to emissions of hazardous substances.
- Optional equipment:
 - Front PTO.
 - Front hitch.
 - Air conditioner.
 - Additional seat.
 - Front ballast with overall mass up to 1025 kg.
 - Creeper.

Manufacturer: «Minsk Tractor Works».

ENGINE

Type	diesel with "Common Rail" electronic injection system with turbocharging, intercooler and selective catalytic reduction system (DOC+SCR)
Model	D-260.1S4
Power, kW (h. p.)	112.4 (153)
Rated speed, rpm	2100
Number of cylinders, pcs.	6
Bore/stroke, mm	110 x 125
Displacement, l	7.12
Maximum torque, N·m	660
Fuel rate at operating power, g/kW·h	222
Factor of torque backup, % (not less)	25
Fuel tank capacity, l	250

POWER TRAIN

Clutch	dry, double-disk, spring-loaded
Gearbox	mechanical, synchronized, fixed-ratio
Gears shifting	by hydrocontrolled clutches
Number of gears:	
forward/reverse	16/8
Travel speed, km/h:	
forward/reverse	2.4-39.0/3.6-18.3
Rear PTO:	independent, double-speed, with hydromechanical control system
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	3.8
max power, kW	100

Differential lock: friction-type, automatic with hydraulic drive, with 3 operation modes (disengaged; automatic engagement (when turning) and disengagement; forced engaged). Rear axle with close-type bevel gear differential and planetary final drives.

DIMENSIONS AND WEIGHTS

Overall length, mm	6030
Width, mm	2250
Cab height, mm	3000
Wheelbase, mm	2820
Tread, mm:	
front wheels	1800–2115
rear wheels	1800–2435
Agrotechnical clearance, mm	620
Min turning radius (without partial breaking), m	5.5
Weight with front ballast, kg	6500
Tire sizes:	
front wheels	420/70R24
rear wheels	520/70R38

HYDRAULIC HITCH SYSTEM

Load sensing (LS) on the base of variable-flow pump with four-sectional electrohydraulic distributor (EHS).

Lifting capacity	
at lift point, kg	6500
Maximum pressure, MPa	20
Pump capacity, l/min	85
Hydraulic system capacity, l	68

BELARUS 1822.3

- Tractor is designed for various agricultural operations of general purposes: general tillage and pre-sowing soil treatment, sowing in combination with wide-cut and combined machinery, harvesting consisting of high efficient harvest complexes, transport operations.
- Distinctions:
 - New 6-cylinder 132 (180) kW (h.p.) engine of model 260.9C2.
 - Engine complies with Stage II/Tier 2 requirements according to emissions of hazardous substances.
 - Synchronized gearbox (24/12).
 - Electrohydraulic hitch system.
- Optional equipment:
 - Set for rear wheels doubling.
 - Additional seat.

Manufacturer: "Minsk Tractor Works"



ENGINE

Type	diesel with direct injection, turbocharging and intercooler
Model	260.9C2
Rated power, kW (hp)	132 (180)
Rated speed, rpm	2100
Number of cylinders, pcs.	6
Bore/stroke, mm	110x125
Displacement, l	7.12
Maximum torque, N·m(kgf·m)	759
Fuel rate at rated power, g/kW·h (g/HP·h)	249
Factor of torque backup, % (no less)	30
Fuel tank capacity, l	370

POWER TRAIN

Clutch	dry, double-disk, spring-loaded, control with hydraulic booster
Gearbox	mechanical, synchronized, fixed-ratio, 6-range
Gear shifting	by synchronized clutches
Number of gears:	
forward/ reverse	24/12
Travel speed, km/h:	
forward/reverse	1.79-38.3/2.5-17.7
Rear PTO:	independent, double-speed, with hydromechanical control system
independent I, rpm	540 at 1929 rpm
independent II, rpm	1000 at 1460 rpm

Differential lock: by cam clutch with electrohydraulic control, has 3 operation modes (disengaged; automatic disengagement (when turning) and engagement; forced engaged).

DIMENSIONS AND WEIGHTS

Length, mm	5230
Width, mm	2450
Height, mm	3120
Wheelbase, mm	2920
Tread, mm	
front wheels	1620-2205 (8 values)
rear wheels	1800-2500
Road clearance, mm:	
under rear axle	530
Min turning radius (without breaking), m	5.8
Operating weight, kg	6800
Tire sizes:	
front wheels	420/70R24
rear wheels	580/70R42

HYDRAULIC HITCH SYSTEM

Unit-principle with electrohydraulic automatic depth control system with draft, position and combined controls.

Lifting capacity at lift point, kg	6500
Maximum pressure, MPa	20
Pump capacity, l/min	60
Hydraulic system capacity, l	35

BELARUS 2022.3/2022B.3



- Tractor is designed for various agricultural operations of general purposes: general tillage and pre-sowing soil treatment, sowing in combination with wide-cut and combined machinery, harvesting consisting of high efficient harvest complexes, transport operations.
- Distinctions:
Diesel engine complies with Stage II/Tier 2 according to emissions of hazardous substances.
Air conditioner.
Set for rear wheels doubling.
- Optional equipment:
Front PTO.
Reversible control station (202B.3).
Front hitch.
Additional seat.
Front ballast with overall mass up to 1010 kg.

Manufacturer: «Minsk Tractor Works».

ENGINE

Type	diesel with direct injection, turbocharging and intercooler
Model	D-260.4S2
Rated power, kW (h. p.)	156 (212)
Rated speed, rpm	2100
Number of cylinders, pcs.	6
Bore/stroke, mm	110 x 125
Displacement, l	7.12
Maximum torque, N·m	900
Fuel rate at operating power, g/kW·h	249
Factor of torque backup, %	30
Fuel tank capacity, l	370

POWER TRAIN

Clutch	dry, double-disk, spring-loaded, control with hydraulic booster
Gearbox	mechanical, synchronized, fixed-ratio, 6-range
Gear shifting	by synchronized clutches
Number of gears:	
forward/reverse	24/12
Travel speed, km/h:	
forward/reverse	1.86–39.7/2.6–18.4
Rear PTO:	independent, four-speed, with hydromechanical control system
independent I, rpm	540 at 1929 or 1475 rpm
independent II, rpm	1000 at 1909 or 1460 rpm

Differential lock: by cam clutch with electrohydraulic control, has 3 operation modes (disengaged; automatic disengagement (when turning) and engagement; forced engaged).

DIMENSIONS AND WEIGHTS

Length, mm	5230
Width, mm	2400
Height, mm	3120
Wheelbase, mm	2920
Tread, mm:	
front wheels	1640–2190 (8 values)
rear wheels	1800–2500
Agrotechnical clearance, mm	620
Min turning radius (without partial breaking), m	5.8
Operating weight, kg	7220
Tire sizes:	
front wheels	420/70R24
rear wheels	580/70R42

HYDRAULIC HITCH SYSTEM

Unit-principle with electrohydraulic automatic depth control system, with draft, position and combined controls.

Lifting capacity	
at lift point, kg	6500
Maximum pressure, MPa	20
Pump capacity, l/min	55
Hydraulic system capacity, l	35

BELARUS 2022B.3-17/32

- Use of tractor with PTO driven machinery at low technological speeds in towing mode, namely: destruction of trees and shrubs in precincts of railroad, power lines and etc.; lump peat digging; road-repair operations.
- Distinctions
 - Diesel engine complies with Stage II/Tier 2 according to emissions of hazardous substances.
 - Reversible control station.
 - Air conditioner.
 - Set for rear wheels doubling.
 - With technological underspeed.
 - Additional seat 1010 kg additional front ballast.

Manufacturer: «Minsk Tractor Works».



ENGINE

Type	diesel with direct injection, turbocharging and intercooler
Model	D-260.4S2
Rated power, kW (h. p.)	156 (212)
Rated speed, rpm	2100
Number of cylinders, pcs.	6
Bore/stroke, mm	110 x 125
Displacement, l	7.12
Maximum torque, N·m	900
Fuel rate at rated power, g/kW·h	227
Factor of torque backup, %	30
Fuel tank capacity, l	370

POWER TRAIN

Clutch	dry, double-disk, spring-loaded, control with hydraulic booster
Gearbox	mechanical, synchronized, fixed-ratio, 6-range
Gear shifting	by synchronized clutches
Number of gears:	
forward/reverse	24/12
Travel speed, km/h:	
forward/reverse	1.1–24.33/1.6–11.27
Rear PTO:	independent, four-speed, with hydromechanical control system
independent I, rpm	540 at 1929 or 1475 rpm
independent II, rpm	1000 at 1909 or 1460 rpm

Differential lock: by cam clutch with electrohydraulic control, has 3 operation modes (disengaged; automatic disengagement (when turning) and engagement; forced engaged).

DIMENSIONS AND WEIGHTS

Length, mm	5230
Width, mm	2500
Height, mm	3120
Wheelbase, mm	2920
Tread, mm:	
front wheels	1640–2190 (8 values)
rear wheels	1800–2500
Road clearance, mm	540
Min turning radius (without partial breaking), m	5.8
Operating weight, kg	7620
Tire sizes:	
front wheels	420/70R24
rear wheels	580/70R42

HYDRAULIC HITCH SYSTEM

Unit-principle with electrohydraulic automatic depth control system with draft, position and combined controls.

Lifting capacity	
at lift point, kg	6500
Maximum pressure, MPa	20
Pump capacity, l/min	55
Hydraulic system capacity, l	35

BELARUS 2022.4



- Tractor is designed for various agricultural operations of general purposes: general tillage and pre-sowing soil treatment, sowing in combination with wide-cut and combined machinery, harvesting consisting of high efficient harvest complexes, transport operations.
- Distinctions:
 - Diesel engine complies with Stage IIIa/Tier 3 according to emissions of hazardous substances
 - Air conditioner
 - Set for rear wheels doubling.
- Optional equipment:
 - Front PTO (with engine from "Minsk Motor Plant").
 - Front hitch.
 - Additional seat.
 - To 1010 kg front ballast.

Manufacturer: «Minsk Tractor Works».

ENGINE

Type	diesel with "Common Rail" electronic injection system or mechanical "Mercer", with turbocharging and intercooler
Model	D-260.4S3A (Minsk Motor Plant)
Rated power, kW (h. p.)	156 (212)
Rated speed, rpm	2100
Number of cylinders, pcs.	6
Bore/stroke, mm	110 x 125
Displacement, l	7.12
Maximum torque, N·m	923
Fuel rate at operating power, g/kW·h	249
Factor of torque backup, %	30
Fuel tank capacity, l	370

POWER TRAIN

Clutch	dry, double-disk, spring-loaded, control with hydraulic booster
Gearbox	mechanical, synchronized fixed-ratio, 6-range
Gears shifting	by synchronized clutches
Number of gears: forward/reverse	24/12
Travel speed, km/h:	
forward/reverse	1.86–39.7/2.6–18.4
Rear PTO:	independent, four-speed, with hydromechanical control system
independent I, rpm	540 at 1929 or 1475 rpm
independent II, rpm	1000 at 1909 or 1460 rpm

Differential lock: by cam clutch with electrohydraulic control, 3 operation modes (disengaged; automatic disengagement (when turning) and engagement; forced engaged).

DIMENSIONS AND WEIGHTS

Length, mm	5230
Width, mm	2400
Height, mm	3120
Wheelbase, mm	2920
Tread, mm:	
front wheels	1640–2190 (8 values)
rear wheels	1800–2500
Road clearance, mm:	
under rear axle	540
Min turning radius (without partial breaking), m	5.8
Operating weight, kg	7220
Tire sizes:	
front wheels	420/70R24
rear wheels	580/70R42

HYDRAULIC HITCH SYSTEM

Unit-principle with electrohydraulic automatic depth control system, with draft, position and combined controls.

Lifting capacity	
at lift point, kg	6500
Maximum pressure, MPa	20
Pump capacity, l/min	55
Hydraulic system capacity, l	35

BELARUS 2022.5

- Tractor is designed for various agricultural operations of general purposes: general tillage and pre-sowing soil treatment, sowing in combination with wide-cut and combined machinery, harvesting consisting of high efficient harvest complexes, transport operations.
- Distinctions
 - Diesel engine complies with Stage IIIb/Interim Tier 4 according to emissions of hazardous substances.
 - Air conditioner.
 - Set for rear wheels doubling.
- Optional:
 - Front PTO
 - Front hitch
 - Additional seat
 - To 1010 kg additional front ballast.

Manufacturer: «Minsk Tractor Works».



ENGINE

Type	diesel with "Common Rail" electronic injection system with turbocharging, intercooler and selective catalytic reduction system (SCR)
Model	D-260.4S3B (Minsk Motor Plant)
Rated power, kW (h. p.)	156 (212)
Rated speed, rpm	2100
Number of cylinders, pcs.	6
Bore/stroke, mm	110 x 125
Displacement, l	7.12
Maximum torque, N·m	920
Fuel rate at operating power, g/kW·h	224
Factor of torque backup, %	30
Fuel tank capacity, l	300

POWER TRAIN

Clutch	dry, double disk, spring-loaded, control with hydraulic booster
Gearbox	mechanical, synchronized, fixed-ratio, 6-range
Gear shifting	by synchronized clutches
Number of gears:	
forward/ reverse	24/12
Travel speed, km/h:	
forward/reverse	1.86-39.7/2.6-18.4
Rear PTO:	independent, four-speed, with hydromechanical control system
independent I, rpm	540 at 1929 or 1475 rpm
independent II, rpm	1000 at 1909 or 1460 rpm

Differential lock: by cam clutch with electrohydraulic control, has 3 operation modes (disengaged; automatic disengagement (when turning) and engagement; forced engaged).

DIMENSIONS AND WEIGHTS

Length, mm	5230
Width, mm	2400
Height, mm	3120
Wheelbase, mm	2920
Tread, mm:	
front wheels	1640–2190 (8 values)
rear wheels	1800–2500
Road clearance under rear axle, mm	540
Min turning radius (without partial breaking), m	5.8
Operating weight, kg	7400
Tire sizes:	
front wheels	420/70R24
rear wheels	580/70R42

HYDRAULIC HITCH SYSTEM

Electrohydraulic automatic depth control system, with draft, position and combined controls.

Lifting capacity	
at lift point, kg	6500
Maximum pressure, MPa	20
Pump capacity, l/min	55
Hydraulic system capacity, l	35

BELARUS 2022.6



- Tractor is designed for various agricultural operations of general purposes: general tillage and pre-sowing soil treatment, sowing in combination with wide-cut and combined machinery, harvesting consisting of high efficient harvest complexes, transport operations.
- Distinctions
 - Diesel engine complies with Stage IIb/Interim Tier 4 according to emissions of hazardous substances.
 - Air conditioner.
 - Set for rear wheels doubling.
- Optional:
 - Front PTO
 - Front hitch
 - Additional seat
 - To 1010 kg additional front ballast.

Manufacturer: «Minsk Tractor Works».

ENGINE

Type	diesel with "Common Rail" electronic injection system with turbocharging, intercooler and selective catalytic reduction system (SCR)
Model	D-260.4S3B (Minsk Motor Plant)
Rated power, kW (h. p.)	156 (212)
Rated speed, rpm	2100
Number of cylinders, pcs.	6
Bore/stroke, mm	110 x 125
Displacement, l	7.12
Maximum torque, N·m	920
Fuel rate at operating power, g/kW·h	224
Factor of torque backup, %	30
Fuel tank capacity, l	300

POWER TRAIN

Clutch	dry, double disk, spring-loaded, control with hydraulic booster
Gearbox	mechanical, synchronized, fixed-ratio, 6-range
Gear shifting	by synchronized clutches
Number of gears:	
forward/ reverse	24/12
Travel speed, km/h:	
forward/reverse	1.86-39.7/2.6-18.4
Rear PTO:	independent, four-speed, with hydromechanical control system
independent I, rpm	540 at 1929 or 1475 rpm
independent II, rpm	1000 at 1909 or 1460 rpm

Differential lock: by cam clutch with electrohydraulic control, has 3 operation modes (disengaged; automatic disengagement (when turning) and engagement; forced engaged).

DIMENSIONS AND WEIGHTS

Length, mm	5230
Width, mm	2400
Height, mm	3120
Wheelbase, mm	2920
Tread, mm:	
front wheels	1640–2190 (8 values)
rear wheels	1800–2500
Road clearance under rear axle, mm	540
Min turning radius (without partial breaking), m	5.8
Operating weight, kg	7400
Tire sizes:	
front wheels	420/70R24
rear wheels	580/70R42

HYDRAULIC HITCH SYSTEM

Electrohydraulic automatic depth control system, with draft, position and combined controls.

Lifting capacity	
at lift point, kg	6500
Maximum pressure, MPa	20
Pump capacity, l/min	55
Hydraulic system capacity, l	35

BELARUS 2122.3/2122.4

- Tractor is designed for various power-intensive agricultural operations in towing and towing driven modes in combination with wide-cut and combined machinery including at echelon hinge.
- Distinctions:
Category 4 new tractor, front hitch and front PTO in standard components, increased capacity fuel tank, hydrosystem with variable-flow pump, four-sectional distributor with EHS system, hydromechanical gearbox, new side console.

Manufacturer: «Minsk Tractor Works».



ENGINE

Type	four-stroke diesel with "Common Rail" electronic injection system with	
Model	D-260.4S3A Stage IIIa (MMP)	
Rated power, kW (h. p.)	148.6 (202)	
Crankshaft rated speed, rpm	2100	
Number of cylinders, pcs.	6	
Displacement, l	7.12	
Maximum torque, N·m	923	249
Fuel rate at operating power, g/kW·h	30	
Factor of torque backup, %	420	
Fuel tanks capacity, l		

DIMENSIONS AND WEIGHTS

Overall length (with front hitch ballast), mm	60400
Width, mm	2460
Cab height, mm	3170
Wheelbase, mm	2980
Tread, mm:	
front wheels	1815 and 2020
rear wheels	1800–2000 and 2240–2500
Road clearance, mm	450
Min turning radius, m	5.3
Fordable depth, m	0.8
Operating weight, kg	8370
Tire sizes (standard):	
front wheels	480/65R24
rear wheels	580/70R42

POWER TRAIN

Clutch	dry, double-disk	
Clutch control	hydrostatic with hydraulic booster	
Gearbox	hydromechanical, with friction clutches	
Number of gears:		
forward/reverse	16/8	
Travel speed, km/h:		
forward/reverse	2.83–39.57/3.97–18.63	
Rear PTO:		
independent I, rpm	540	
independent II, rpm	1000	
PTO control	electrohydraulic	
Differential lock	electrohydraulic	

HYDRAULIC HITCH SYSTEM

Load sensing (LS) on the base of variable-flow pump with four-sectional electrohydraulic distributor (EHS).

Max lifting capacity at lift point, kg:	
rear hitch	6500
front hitch	5300
Maximum pressure, MPa	20
Pump capacity, l/min	0–86
Hydraulic system capacity, l	80

BELARUS 2122.6

- Tractor is designed for various power-intensive agricultural operations in towing and towing driven modes in combination with wide-cut and combined machinery including at echelon hinge.
- Distinctions:
Category 4 new tractor, front hitch and front PTO in standard components, increased capacity fuel tank, hydrosystem with variable-flow pump, four-sectional distributor with EHS system, hydromechanical gearbox, new side console.
Diesel engine complies with Stage IV/Final Tier 4 requirements according to emissions of hazardous substances.

Manufacturer: «Minsk Tractor Works».



ENGINE

Type	diesel with "Common Rail" electronic injection system with turbocharging, intercooler and two-stage selective catalytic reduction system (DOC+SCR)
Model	D-260.4S4 (MMP)
Rated power, kW (h. p.)	148.6 (202)
Rated crankshaft speed, rpm	2100
Number of cylinders, pcs.	6
Displacement, l	7.12
Maximum torque, N m	923
Fuel rate at operating power, g/kW h	249
Factor of torque backup, %	30
Fuel tanks capacity, l	420

DIMENSIONS AND WEIGHTS

Overall length (with front hitch ballast), mm	6040
Width, mm	2460
Cab height, mm	3170
Wheelbase, mm	2980
Tread, mm:	
front wheels	1815 and 2020
rear wheels	1800–2000 and 2240–2500
Road clearance, mm	450
Min turning radius, m	5.3
Fordable depth, m	0.8
Operating weight, kg	8370
Tire sizes (standard):	
front wheels	480/65R24
rear wheels	580/70R42

POWER TRAIN

Clutch	dry, double-disk
Clutch control	hydrostatic with hydraulic booster
Gearbox	hydromechanical, with friction clutches
Number of gears:	
forward/reverse	16/8
Travel speed, km/h:	
forward/reverse	2.83–39.57/3.97–18.63
Rear PTO:	
independent I, rpm	540
independent II, rpm	1000
PTO control	electrohydraulic
Differential lock	electrohydraulic

HYDRAULIC HITCH SYSTEM

Load sensing (LS) on the base of variable-flow pump with four-sectional electrohydraulic distributor (EHS).

Max lifting capacity at lift point, kg:	
rear hitch	6500
front hitch	5300
Maximum pressure, MPa	20
Pump capacity, l/min	0–86
Hydraulic system capacity, l	80

BELARUS 3022DC.1

- The tractor is designed for various agricultural operations of general purposes: general tillage and pre-sowing soil treatment, sowing in combination with wide-cut and combined machinery, harvesting consisting of high efficient harvest complexes, transport operations.
- Distinctions:
Diesel engine complies with Stage II according to emissions of hazardous substances.
Hydraulic hitch system with EHS and EHR-5 electrically controlled distributor for front hitch control, front PTO shaft, set for rear wheels doubling, air conditioner in standard components.
- Optional equipment:
Set for front wheels doubling.
To 1350 kg front ballast.



Manufacturer: Republican Unitary Enterprise
«Minsk Tractor Works».

ENGINE

Type	diesel with direct injection, turbocharging and intercooler
Model	BF06M1013FC (DEUTZ)
Rated power, kW (h. p.)	223 (303)
Crankshaft rated speed, rpm	2300
Number of cylinders, pcs.	6
Max crankshaft torque, N·m	1300
Fuel rate at operating power, g/kW·h	248
Factor of torque backup, %	30
Fuel tank capacity, l	500

TRANSMISSION

Clutch	dry, double-disk, spring-loaded
Gearbox	hydromechanical, fixed-ratio
Gears shifting	electrohydraulic
Number of gears:	
forward/reverse	24/12; 36/24 with creeper
Travel speed, km/h:	
forward	0.37–40.0
reverse	0.43–19.39
Rear PTO:	independent, double-speed, with hydromechanical control system
independent I, rpm	1000
independent II, rpm	1450
max power, kW	182.2
Front PTO:	
independent, rpm	1000
Max power, kW	60

Differential lock: friction-type, automatic with hydraulic drive, has 3 operation modes (disengaged; automatic disengagement and engagement; forced engaged).
Rear axle with close-type bevel differential and planetary final drive.

DIMENSIONS AND WEIGHTS

Length with front and rear hitch	
in transport state, mm	6100
Width, mm	2630
Height, mm	3150
Wheelbase, mm	3010
Tread, mm:	
front wheels	1830 and 1950
rear wheels	1795–2135
(dual)	(2395–2735)
Road clearance, mm:	
under front axle	450
under rear axle	450
Min turning radius, m	5.5
Max operating weight, kg	20000
Operating weight, kg	11500
Tire sizes:	
front wheels	540/65R30
rear wheels	580/70R42

HYDRAULIC HITCH SYSTEM

Versatile hydraulic system of implement control with variable-flow pump, distributor with electronic control and sequence programmability of section engagement/disengagement, flow rate, operating time by means of signal reading from two sensors. With draft, position and combined depth control, 4 pairs of free outlets.

Lifting capacity at rear lower link ends, kg	10000
Lifting capacity at front lower	
link ends, kg	5000
Maximum pressure, MPa	20
Pump capacity, kg	0–120
Hydraulic system capacity, kg	100

BELARUS 3022.B



- Tractor is designed for various power-intensive agricultural operations in towing and towing driven modes in combination with wide-cut and combined machinery including at echelon hinge; for general tillage and pre-sowing soil treatment, sowing of grain crops and other crops, fodder harvesting, harvesting of roots, grain and industrial crops; for transport operations, steady-state works, in construction and industry.

■ Distinctions:

Diesel engine, produced by OJSC "MMP", complies with Stage II/ Tier 2 according to emissions of hazardous substances.

Hydraulic hitch system with electrohydraulic control, set for rear wheels doubling in standard components, air conditioner, front hitch. Front PTO shaft.

■ Optional:

Front weights.

Set for front wheels doubling.

Manufacturer: «Minsk Tractor Works».

ENGINE

Type	liquid-cooled diesel engine, four-stroke with turbocharging and intermediate aftercooling
Model	D-262S2
Rated power, kW (h. p.)	220 (300)
Crankshaft rated speed, rpm	2100
Number of cylinders, pcs.	6
Displacement, l	7.98
Max crankshaft torque, N·m	1320
Fuel rate at operating power, g/kW·h	248
Factor of torque backup, %	25
Fuel tank capacity, l	500

POWER TRAIN

Clutch	dry, double-disk
Gearbox	hydromechanical, with friction clutches
Number of gears:	
forward/reverse	36/24
Travel speed, km/h:	
forward	0.38–40.0
reverse	0.41–20.1
Rear PTO:	
independent I, rpm	1000
independent II, rpm	1450
Max power on front PTO, kW (h.p.)	60 (81)
Max power on rear PTO, kW (h.p.)	186 (253)
PTO control	electrohydraulic
Differential lock	electrohydraulic

DIMENSIONS AND WEIGHTS

Overall length mm	6400
Width, mm	2480
Height, mm	3150
Wheelbase, mm	3960
Tread, mm:	
front wheels	1830 and 1950
rear wheels	1890–2150, 2306–2566
Agrotechnical clearance, mm	500
Min turning radius, m	5.5
Max operating weight, kg	20000
Operating weight, kg	11500
Tire sizes:	
front wheels	540/65R30
rear wheels	580/70R42

HYDRAULIC HITCH SYSTEM

Versatile, with electrohydraulic 4-sectional distributor controlled by joystick.

Max lifting capacity at lift point, kg:	
front hitch	5000
rear hitch	10000
Maximum pressure, MPa	20.5
Pump capacity, l/min	120
Hydraulic system capacity, l	110

BELARUS 3522/3522.5

- Tractor is designed for various power-intensive agricultural operations in towing and towing driven modes in combination with wide-cut and combined machinery at general tillage and pre-sowing soil treatment, sowing of grain crops and other crops, harvesting of roots, grain and industrial crops; for transport operations, stationary operations, in construction and industry.

Distinctions:

Diesel engine complies with Stage IIIa (3522) and Stage IIIb (3522.5) according to emissions of hazardous substances.

Hydraulic hitch system with electrically controlled distributor EHS and EHR-5, set for rear wheels doubling in standard components air conditioner, front hitch, front power take-off shaft (PTO).

Optional equipment:

Front ballast weights up to 1350 kg.
Set for front wheels doubling.
Front wheels 710/55R30.
Rear wheels 900/50R42.



Manufacturer: «Minsk Tractor Works».

ENGINE

	3522	3522.5
Type	diesel with "Common Rail" electronic injection system with turbocharging, intercooler and selective catalytic reduction system (SCR)	diesel with "Common Rail" electronic injection system with turbocharging, intercooler and selective catalytic reduction system (DOC+SCR)
Model	"Deutz" TCD 2013L 06-4L	"Deutz" TCD 7.8L6
Rated power, kW (hp)	261 (335)	
Rated speed, rpm	2200	
Number of cylinders, pcs.	6	
Displacement, l	7.142	7.8
Max crankshaft torque, N·m	1498	1449
Fuel rate at operating power, g/kW·h	240	
Factor of torque backup, %	40	37
Fuel tank capacity, l	650	

POWER TRAIN

Clutch	dry, double-disk
Gearbox	hydromechanical with friction clutches
Number of gears:	
forward	36
reverse	24
Travel speed, km/h:	
forward	0.34 – 40
reverse	43 – 20.8
Rear PTO:	
independent I, rpm	1000
independent II, rpm	1450
Max PTO power, kW (h. p.)	219 (298)
PTO control	hydraulic
Differential lock	hydraulic

DIMENSIONS AND WEIGHTS

Overall length, mm	6500
Width, mm	2740
Cab height, mm	3350
Wheelbase, mm	3000
Tread, mm:	
front wheels	2000 and 2150
rear wheels	2139-2220, 2316-2636
Agrotechnical clearance, mm	450
Min turning radius, m	6.5
Operating weight, kg	20000
Tire sizes:	
front wheels	600/65R34
rear wheels	710/70R42

HYDRAULIC HITCH SYSTEM

Versatile with electrohydraulic 4-sectional distributor controlled by joystick.

Maximum pressure, MPa	20
Pump capacity, l/min	0-160
Hydraulic system capacity, kg	100
Lifting capacity at lift point, kg:	
front hitch	5000
rear hitch	10000

BELARUS 3522.6



- Tractor is designed for various power-intensive agricultural operations in towing and towing driven modes in combination with wide-cut and combined machinery including at echelon hinge; for general tillage and pre-sowing soil treatment, sowing of grain crops and other crops, fodder harvesting, harvesting of roots, grain and industrial crops; for transport operations, steady-state works, in construction and industry.
 - Distinctions:
Diesel engine complies with Stage IV/ Final Tier 4 according to emissions of hazardous substances.
Hydraulic hitch system with electrohydraulic control, set for rear wheels doubling in standard components, air conditioner, front hitch.
Front PTO shaft.
 - Optional:
Front weights.
Set for front wheels doubling.
- Manufacturer: "Minsk Tractor Works".

ENGINE

Type	liquid-cooled diesel engine, four-stroke with turbocharging and intermediate aftercooling
Model	"Cummins QSL9 Tier 4 Final"
Rated power, kW (hp)	261 (350)
Rated speed, rpm	2100
Number of cylinders, pcs.	6
Displacement, l	8.9
Max crankshaft torque, N·m	1627
Fuel rate at operating power, g/kW·h	223
Factor of torque backup, %	30
Fuel tank capacity, l	650

DIMENSIONS AND WEIGHTS

Overall length mm	6250
Width, mm	2550
Cab height, mm	3350
Wheelbase, mm	3000
Tread, mm	
front wheels	2000, 2150
rear wheels	2130-2220, 2316-2636
Agrotechnical clearance, mm	550
Min turning radius, m	6.5
Operating weight, kg	11900
Tire sizes (standard):	
front wheels	600/65R34
rear wheels	710/70R42

POWER TRAIN

Clutch	dry, double disk
Gearbox	hydromechanical, with friction clutches
Number of gears:	
forward/ reverse	36/24
Travel speed, km/h:	
forward/reverse	0.34-40/0.43-20.8
Rear PTO:	
independent I, rpm	1000
independent II, rpm	1450
Max power on front PTO, kW (h.p.)	60 (81)
Max power on rear PTO, kW (h.p.)	216 (294)

HYDRAULIC HITCH SYSTEM

Versatile, with electrohydraulic 4-sectional distributor controlled by joystick.

Max lifting capacity at lift point, kg:	
front hitch	5000
rear hitch	10000
Maximum pressure, MPa	20
Pump capacity, l/min	120
Hydraulic system capacity, l	100



«MINSK TRACTOR WORKS»

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